

ASTROMETRIC OBSERVATIONS OF COMETS AND ASTEROIDS
AND SUBSEQUENT ORBITAL INVESTIGATIONS

Grant NGR 09-015-212

Final Report

For the period 1 November 1973 through 31 March 1989

Principal Investigators

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ASTROMETRIC OBSERVATIONS OF COMETS AND ASTEROIDS
AND SUBSEQUENT ORBITAL INVESTIGATIONS

Final Report

1. Personnel

Observations, data reduction and interpretation of results contributing to this research are performed by Principal Investigator R. E. McCrosky and Co-Investigator B. G. Marsden, assisted by members of their research groups.

2. Recent Observations and Computations

Observations are made with the 155-cm reflector at the Oak Ridge Observatory. Since the last semiannual report (issued in November 1988) there have been 20 observations of comets, 146 of numbered minor planets and 135 of minor planets that were unnumbered at the time of observation.

The orbit computations made during this period mainly applied to new discoveries, which have recently been exceptionally numerous. 1989 has already produced five new Apollo objects, and the new-moon period in early January produced a record six new comets.

3. List of Observations

Pages 2-64 list the complete set of observations made during this project. Times are in UT and the R.A. and Decl. referred to the standard equinox B1950.0. The 7895 observations have all been published on the Minor Planet Circulars, and some were also on the IAU Circulars.

There are 1332 observations of comets (indicated with an initial /), 5311 of numbered minor planets and 1252 of minor planets currently unnumbered.

/1969 II	1973 01	03.11677	06 06	53.82	+29 09	48.8	/1974 I	1973 07	07.29704	20 59	20.57	-09 24	01.0
/1971 I	1973 01	03.38980	11 12	41.78	+01 36	25.3	/1974 II	1973 09	27.14207	21 07	30.60	-15 54	53.0
/1971 II	1972 09	05.20593	22 41	09.62	-06 32	29.3	/1974 II	1974 07	17.32199	23 35	58.42	+02 42	07.4
/1972 IV	1972 08	12.33354	23 13	10.56	-05 34	53.9	/1974 II	1974 07	20.20731	23 35	43.81	+02 45	38.9
/1972 IV	1972 08	14.33065	23 12	34.13	-05 44	54.8	/1974 II	1974 07	21.19502	23 35	37.53	+02 46	45.2
/1972 IV	1972 08	16.33123	23 11	52.76	-05 55	28.0	/1974 II	1974 07	21.21831	23 35	37.34	+02 46	43.2
/1972 IV	1972 08	20.28374	23 10	18.27	-06 17	35.8	/1974 II	1974 08	11.31517	23 30	58.03	+02 52	47.8
/1972 VI	1972 05	14.33823	21 42	23.50	+24 50	54.1	/1974 II	1974 08	12.22881	23 30	40.32	+02 52	22.1
/1972 VI	1972 07	02.28874	01 29	37.24	+38 12	38.9	/1974 II	1974 08	12.24201	23 30	40.05	+02 52	21.9
/1972 VII	1973 02	10.18046	08 05	57.25	+21 58	36.9	/1974 II	1974 08	15.24097	23 29	38.48	+02 50	31.5
/1972 VII	1973 02	10.23049	08 05	55.04	+21 58	26.6	/1974 II	1974 08	22.21273	23 26	59.74	+02 44	00.4
/1972 VII	1973 02	25.06012	07 58	15.23	+21 09	38.1	/1974 II	1974 09	15.27817	23 16	08.33	+02 02	35.4
/1972 VII	1973 02	25.10506	07 58	14.28	+21 09	31.8	/1974 II	1974 10	14.11951	23 04	15.95	+01 00	01.3
/1972 VII	1973 02	28.19132	07 57	34.21	+20 58	48.0	/1974 II	1974 10	14.13778	22 59	31.58	+00 23	06.1
/1972 VII	1973 03	01.13459	07 57	25.73	+20 55	37.2	/1974 II	1974 11	13.98222	22 59	38.93	+00 59	59.3
/1972 VIII	1973 01	12.24794	12 28	05.80	+13 33	28.6	/1974 II	1974 11	17.15014	22 59	38.93	+00 22	28.8
/1972 VIII	1973 01	12.38159	12 27	57.62	+13 37	35.9	/1974 II	1974 12	18.94808	23 07	01.87	+00 53	23.9
/1972 VIII	1973 01	13.31767	12 26	57.62	+14 06	32.5	/1974 II	1975 08	19.30157	01 26	13.90	+18 46	34.7
/1972 VIII	1973 01	14.24201	12 25	56.88	+14 35	33.0	/1974 II	1975 09	04.18824	01 23	22.85	+19 01	11.0
/1972 VIII	1973 01	14.39743	12 25	46.47	+14 40	32.1	/1974 II	1975 11	03.06262	00 57	47.56	+17 20	02.1
/1972 VIII	1973 02	06.39696	11 45	24.34	+28 34	06.4	/1974 II	1976 09	23.37291	03 26	15.54	+29 26	49.2
/1972 VIII	1973 02	10.40322	11 35	12.64	+31 06	12.2	/1974 II	1976 10	24.37352	03 15	58.99	+29 29	29.4
/1972 VIII	1973 05	01.15899	09 04	01.87	+47 44	21.8	/1974 II	1976 11	19.20171	03 02	35.45	+28 44	56.7
/1972 VIII	1973 12	02.39859	08 04	01.87	+65 25	21.9	/1974 II	1976 11	20.09912	03 02	07.63	+28 42	46.2
/1972 VIII	1974 02	14.06832	05 23	01.46	+68 24	45.1	/1974 II	1976 11	22.23053	03 01	01.78	+28 37	30.4
/1972 VIII	1974 02	14.10801	05 22	57.50	+68 24	24.9	/1974 II	1976 12	27.16492	02 48	04.18	+27 03	25.8
/1972 VIII	1974 02	19.14773	05 15	16.53	+67 41	20.8	/1974 II	1977 01	14.02887	02 46	47.89	+26 25	29.1
/1972 IX	1972 07	07.17361	15 13	00.83	+23 55	13.9	/1974 II	1977 02	17.01318	02 55	15.93	+25 58	17.2
/1972 IX	1972 07	08.20038	15 12	41.1	+23 58	11	/1974 II	1977 03	18.05138	03 11	40.95	+26 19	28.4
/1972 IX	1972 07	10.11400	15 12	06.93	+24 03	18.9	/1974 II	1977 08	18.35400	05 17	24.08	+30 49	10.9
/1972 IX	1972 07	12.19431	15 11	33.78	+24 08	15.6	/1974 II	1977 08	21.35872	05 19	09.52	+30 53	08.6
/1972 IX	1973 12	02.05885	20 12	16.74	+57 42	00.0	/1974 II	1977 10	16.29258	05 34	34.23	+31 57	50.1
/1972 IX	1973 12	02.08476	20 12	19.25	+57 41	49.4	/1974 II	1977 11	12.30313	05 27	50.64	+32 13	53.3
/1972 IX	1974 10	19.04078	00 12	13.74	+59 43	25.8	/1974 II	1977 11	19.28897	05 24	45.26	+32 14	15.6
/1972 X	1972 07	12.10741	13 35	32.25	+04 45	31.1	/1974 II	1977 12	08.19444	05 14	44.68	+32 04	45.7
/1972 X	1973 12	19.22950	05 41	50.85	+13 41	35.7	/1974 II	1977 12	11.18139	05 13	03.18	+32 01	48.1
/1973 I	1972 12	02.98343	00 48	41.36	+09 00	26.6	/1974 II	1977 12	17.19810	05 09	40.01	+31 54	42.8
/1973 I	1972 12	11.98886	00 50	30.44	+09 29	28.0	/1974 II	1978 02	05.05527	04 51	42.96	+30 24	38.5
/1973 I	1973 01	03.00500	01 01	57.79	+11 13	44.0	/1974 II	1978 02	11.09198	04 51	32.0	+30 13	54
/1973 II	1972 11	07.38441	08 13	45.24	-20 02	46.0	/1974 II	1978 03	13.07347	04 57	31.78	+29 32	43.3
/1973 II	1972 11	29.37472	07 15	00.78	-23 44	12.5	/1974 II	1978 03	14.07237	04 57	55.20	+29 31	39.3
/1973 II	1974 06	14.26171	21 51	57.48	+28 51	00.6	/1974 II	1978 04	13.04659	05 13	50.36	+29 09	35.8
/1973 II	1974 08	21.27581	20 41	36.77	+28 01	37.0	/1974 II	1978 11	01.30564	07 32	12.12	+27 00	54.8
/1973 III	1973 05	07.17102	14 19	06.98	+29 17	56.6	/1974 II	1978 12	03.27125	07 27	39.96	+27 14	41.6
/1973 III	1973 05	08.22875	14 17	41.3	+28 53	34	/1974 II	1978 12	06.24295	07 26	37.88	+27 16	34.3
/1973 III	1973 05	28.15213	13 56	30.66	+20 22	22.8	/1974 II	1978 12	28.28579	07 16	36.34	+27 29	06.8
/1973 III	1973 05	30.14199	13 55	04.40	+19 28	37.6	/1974 II	1979 01	23.27541	07 02	49.50	+27 31	51.2
/1973 III	1973 06	03.16503	13 52	33.17	+17 39	51.6	/1974 II	1979 01	24.27719	07 02	19.79	+27 31	35.7
/1973 III	1973 06	04.20947	13 51	58.59	+17 11	39.7	/1974 II	1979 02	28.18766	06 57	24.47	+27 26	45.8
/1973 VII	1973 05	01.04521	06 22	51.61	+54 28	36.6	/1974 II	1979 12	28.35749	09 06	33.37	+17 24	24.3
/1973 X	1973 07	07.19570	15 09	29.08	+21 57	03.5	/1974 II	1981 03	28.20418	10 04	55.43	+07 06	45.8
/1973 X	1973 07	08.14681	15 08	33.7	+21 57	06	/1974 II	1982 04	19.22933	11 26	43.86	-05 05	30.9
/1973 X	1973 07	09.19572	15 07	33.33	+21 56	55.0	/1974 III	1974 08	11.16587	15 34	38.10	+45 03	31.3
/1973 X	1973 09	26.00355	14 42	51.76	+19 02	37.3	/1974 III	1974 09	15.03589	16 14	36.37	+33 51	02.9
/1973 X	1974 01	20.44779	15 09	20.43	+26 50	26.4	/1974 III	1974 10	12.01157	16 46	51.40	+27 45	04.7
/1973 X	1974 01	28.38881	15 07	41.50	+28 33	32.1	/1974 III	1974 11	18.96465	17 32	05.33	+22 39	16.0
/1973 X	1974 03	13.31052	14 33	02.62	+39 53	30.7	/1974 V	1975 10	24.19965	23 14	37.32	+05 07	41.7
/1973 X	1974 04	27.18749	13 12	44.75	+47 13	18.5	/1974 V	1975 09	01.17745	22 22	48.54	-09 55	51.4
/1973 XI	1973 11	02.25347	01 21	08.50	+09 51	50.5	/1974 VI	1974 08	20.29139	03 14	30.43	+26 31	05.1
/1973 XI	1973 11	03.21670	01 20	43.25	+09 45	10.3	/1974 VI	1974 08	21.33613	03 15	45.63	+26 38	49.6
/1973 XI	1974 01	18.04236	01 53	43.25	+09 07	18.6	/1974 VI	1974 11	16.30017	03 09	24.75	+28 28	34.3
/1973 XII	1973 03	24.10953	08 12	35.15	+05 41	04.6	/1974 VI	1974 11	17.10325	03 08	41.54	+28 23	49.9
/1973 XII	1973 11	30.45060	13 32	18.41	-19 29	11.3	/1974 VI	1974 11	18.13084	03 07	46.41	+28 17	40.9

/1974 VI	1974 11	19.07542	03 06	56.52	+28 11	56.7	/1975 VII	1976 01	05.41524	13 47	16.70	-04 43	30.9
/1974 VI	1974 11	23.16478	03 03	29.64	+27 46	28.3	/1975 VII	1976 02	05.31294	14 05	18.52	-05 48	12.1
/1974 VI	1974 12	16.02889	02 51	07.62	+25 25	45.1	/1975 VII	1976 02	23.36256	14 08	58.21	-05 46	28.1
/1974 VII	1974 11	10.40640	12 56	32.32	+20 11	54.2	/1975 VII	1976 03	06.33740	14 08	09.44	-05 29	53.3
/1974 VII	1974 12	23.40516	13 58	56.65	+18 12	55.9	/1975 VII	1976 03	30.32093	13 59	16.48	-04 30	01.3
/1974 VII	1975 03	05.34826	14 25	43.92	+24 49	03.0	/1975 VII	1976 05	01.15936	13 39	48.54	-03 06	15.9
/1974 VII	1975 03	19.25156	14 16	04.98	+26 30	16.9	/1975 VII	1976 06	04.12922	13 26	33.92	-02 59	33.5
/1974 IX	1974 10	12.17475	23 11	57.77	-08 53	35.5	/1975 VII	1979 09	01.23172	23 06	01.90	-14 50	52.5
/1974 IX	1974 10	18.15046	23 11	12.41	-08 31	48.0	/1975 VII	1979 09	17.15370	22 57	05.75	-15 43	01.8
/1974 X	1974 07	20.32512	04 19	11.74	+20 27	19.8	/1975 VII	1981 11	02.29814	03 49	58.62	+16 44	59.2
/1974 X	1974 11	11.30249	08 44	30.95	+22 08	01.8	/1975 VII	1981 11	25.21964	03 35	06.91	+16 14	17.8
/1974 X	1974 12	23.28356	08 28	52.63	+24 43	03.7	/1975 VII	1981 11	26.14321	03 34	30.31	+16 13	06.7
/1974 XII	1974 11	14.06604	01 32	02.67	+30 39	18.2	/1975 VII	1981 11	29.14353	03 32	32.15	+16 09	25.4
/1974 XII	1974 11	14.12155	01 32	01.51	+30 38	47.9	/1975 VII	1981 12	30.17113	03 17	00.52	+15 51	05.0
/1974 XII	1974 11	15.12066	01 31	41.88	+30 29	32.3	/1975 VII	1982 11	09.19677	07 36	16.88	+24 25	54.9
/1974 XII	1974 11	16.08894	01 31	23.54	+30 20	33.7	/1975 VII	1982 11	11.26924	07 36	31.62	+24 28	55.0
/1974 XII	1974 11	17.05878	01 31	05.58	+30 02	02.8	/1975 VII	1983 02	10.17645	06 51	42.29	+27 40	41.8
/1974 XII	1974 11	18.08086	01 30	46.86	+30 02	02.8	/1975 VII	1983 02	11.13726	06 51	18.71	+27 41	18.0
/1974 XII	1974 11	19.03895	01 30	30.30	+29 53	07.8	/1975 VII	1984 01	09.41382	11 57	50.36	+08 34	30.0
/1974 XII	1974 11	23.13880	01 29	24.21	+29 14	59.2	/1975 VII	1984 02	01.40133	11 59	11.80	+09 18	43.0
/1974 XII	1974 12	12.05059	01 26	35.87	+26 25	13.4	/1975 VII	1984 02	01.40133	11 59	11.80	+09 18	43.0
/1974 XII	1975 02	09.00242	01 42	11.93	+20 30	18.4	/1975 VII	1984 03	01.32181	11 48	02.41	+11 15	12.1
/1974 XII	1975 03	04.01896	01 55	53.28	+19 28	58.1	/1975 VII	1984 03	03.16418	11 31	31.45	+12 54	20.0
/1974 XII	1975 09	04.27715	03 45	13.40	+13 40	40.7	/1975 VII	1984 04	29.12057	11 19	23.53	+13 10	01.4
/1974 XII	1975 10	08.26184	03 41	57.04	+10 21	31.0	/1975 VII	1984 05	06.09926	11 18	54.86	+12 56	15.5
/1974 XII	1975 12	02.09207	03 31	23.05	+07 04	17.1	/1975 VII	1984 05	26.08243	11 22	07.91	+11 47	45.1
/1974 XII	1973 08	29.31319	02 24	34.18	+09 39	59.5	/1975 VII	1985 03	26.14074	15 56	55.60	-16 26	18.6
/1974 XII	1973 09	26.20755	02 21	09.54	+08 39	07.4	/1975 VII	1974 03	26.34281	12 42	20.56	-00 01	55.7
/1974 XII	1973 10	06.19063	02 16	06.34	+08 00	13.9	/1975 VII	1974 03	28.26246	12 42	12.65	-00 01	58.9
/1974 XII	1975 04	18.10537	12 25	32.56	+03 07	13.2	/1975 VII	1974 03	28.31432	12 40	52.75	-00 02	29.1
/1974 XII	1975 04	29.14348	12 20	39.34	+03 29	31.1	/1975 VII	1974 03	28.31432	12 40	52.75	-00 02	30.0
/1974 XII	1975 06	11.09775	12 26	03.28	+01 56	13.9	/1975 VII	1974 04	11.12153	12 31	22.35	-00 07	59.5
/1974 XVI	1974 11	10.95497	18 35	16.07	-12 48	00.0	/1975 VII	1974 04	11.16835	12 31	20.39	-00 08	01.4
/1974 XVI	1974 12	11.95374	20 00	18.83	-14 30	06.8	/1975 VII	1974 04	18.13045	12 26	36.58	-00 12	50.4
/1975 I	1975 02	09.06521	01 29	24.75	+14 11	59.4	/1975 VII	1974 04	26.28874	12 21	20.04	-00 21	00.4
/1975 I	1975 03	05.06083	03 14	27.62	+23 45	34.1	/1975 VII	1974 04	28.19064	12 20	10.06	-00 23	19.7
/1975 I	1975 04	29.05890	06 33	33.74	+28 17	11.2	/1975 VII	1974 05	15.13945	12 11	09.64	-00 53	01.7
/1975 I	1975 04	30.06524	06 36	28.12	+28 13	40.3	/1975 VII	1974 05	18.06794	12 09	54.35	-00 59	51.6
/1975 III	1975 03	05.08098	04 48	27.63	+20 22	06.2	/1975 VII	1974 06	14.11834	12 03	18.60	-02 29	05.8
/1975 III	1975 03	06.07608	04 51	09.56	+20 23	29.3	/1975 VII	1976 08	25.26000	00 44	09.77	-22 27	27.9
/1975 III	1975 03	19.04144	05 26	34.08	+20 31	44.6	/1975 VII	1976 08	30.33273	00 40	27.72	-22 28	58.0
/1975 III	1975 04	29.08907	07 15	32.16	+18 34	06.7	/1975 VII	1976 09	25.23937	00 19	00.84	-22 06	08.5
/1975 III	1975 05	09.06368	07 40	16.68	+17 34	08.5	/1975 VII	1977 08	15.28325	01 08	19.90	+07 13	15.6
/1975 IV	1975 03	04.08625	08 29	36.09	+14 56	12.6	/1975 IX	1975 07	09.29167	00 58	01.11	+07 22	36.1
/1975 IV	1975 03	30.08865	02 59	51.97	+18 42	13.5	/1975 IX	1975 07	29.13438	21 24	10.41	+03 02	47.4
/1975 IV	1975 04	18.03125	05 17	01.54	+36 36	50.9	/1975 X	1975 10	07.38889	11 53	57.52	+58 27	37.4
/1975 IV	1975 05	01.07554	06 02	03.88	+18 11	43.1	/1975 X	1975 10	08.38576	11 13	01.20	+43 30	10.6
/1975 IV	1975 05	05.02830	07 52	02.05	+40 32	30.2	/1975 X	1975 10	07.37494	08 22	18.07	+02 14	28.5
/1975 V	1976 01	02.38963	12 25	23.73	+11 44	42.3	/1976 I	1975 12	11.42294	12 19	01.77	+04 23	18.4
/1975 V	1976 01	10.35639	12 26	13.93	+12 59	55.5	/1976 I	1975 12	12.36950	12 19	54.08	+00 47	34.9
/1975 V	1976 01	31.40968	12 22	52.24	+16 52	25.9	/1976 II	1975 05	17.30274	21 00	51.28	+13 58	17.3
/1975 V	1976 02	05.28201	12 20	58.11	+17 50	38.2	/1976 II	1975 06	11.26970	21 12	25.97	+18 21	24.4
/1975 V	1976 02	28.30538	12 07	24.55	+22 20	33.9	/1976 II	1975 09	04.08832	20 42	49.22	+18 26	39.4
/1975 V	1976 03	07.19751	12 01	36.82	+23 42	35.7	/1976 II	1975 09	06.17803	20 42	09.07	+18 01	12.0
/1975 VI	1976 01	10.28935	10 04	16.01	+35 10	56.1	/1976 II	1975 11	05.99521	21 08	25.73	+05 18	56.5
/1975 VI	1976 01	31.36894	09 41	35.94	+35 51	50.9	/1976 III	1973 12	19.39537	09 16	33.95	+26 44	28.2
/1975 VII	1975 04	12.13206	09 15	22.25	+23 38	47.1	/1976 III	1974 01	20.34655	08 59	55.94	+29 06	13.0
/1975 VII	1975 04	15.06175	09 15	53.01	+23 31	56.8	/1976 III	1974 02	14.17122	08 40	54.44	+30 30	24.4
/1975 VII	1975 04	29.11637	09 20	28.58	+22 49	36.6	/1976 III	1974 03	13.17391	08 25	29.14	+30 51	51.0
/1975 VII	1975 04	30.09493	09 20	55.23	+22 46	06.7	/1976 III	1974 03	28.10818	08 22	18.16	+30 33	53.0
/1975 VII	1975 05	29.11046	09 40	07.46	+20 35	19.6	/1976 III	1974 12	23.36830	12 39	02.05	+07 05	28.5

/1976 III	1975 04	18.08890	12 24	01.33	+11 25	13.4	/1976 XII	1978 02	03.29894	10 54	00.79	-02 53	35.3
/1976 III	1975 04	30.17340	12 16	46.94	+11 21	20.2	/1976 XII	1976 07	19.12279	13 16	42.66	+21 36	05.7
/1976 III	1975 06	12.12904	12 14	39.54	+07 56	08.8	/1976 XII	1976 07	23.11338	13 20	20.32	+19 51	27.1
/1976 III	1975 07	03.11194	12 27	00.80	+04 58	42.9	/1976 XII	1976 08	25.05477	14 01	52.25	+04 34	12.7
/1976 III	1977 08	21.33377	02 31	25.94	+05 57	58.0	/1977 I	1976 05	28.25576	17 22	42.41	-08 06	29.7
/1976 III	1977 09	11.35796	02 29	25.94	+05 29	17.1	/1977 I	1977 11	15.27279	03 39	55.30	+00 16	52.9
/1976 III	1977 10	08.25998	02 16	15.21	+04 18	59.0	/1977 I	1977 12	11.10256	03 20	30.96	+00 52	52.3
/1976 III	1978 10	28.25569	04 47	07.57	+21 47	14.2	/1977 II	1977 02	16.09953	06 25	08.00	+29 40	28.8
/1976 III	1978 10	31.26138	04 45	37.96	+21 47	42.4	/1977 II	1977 03	22.09994	07 01	51.59	+33 50	14.8
/1976 III	1980 12	07.43404	09 55	24.71	+23 40	41.8	/1977 II	1977 04	14.04760	07 42	25.99	+34 16	30.5
/1976 III	1981 01	06.32492	09 51	36.84	+25 34	20.4	/1977 II	1977 04	16.04983	07 46	18.78	+34 14	05.1
/1976 III	1981 02	04.32880	09 33	57.49	+27 56	42.0	/1977 II	1977 04	16.07706	07 46	21.67	+34 14	02.1
/1976 III	1982 02	27.40519	14 08	45.88	-01 19	26.7	/1977 III	1977 06	17.10899	13 44	12.49	-11 45	56.8
/1976 III	1982 04	20.28763	13 45	14.69	+00 44	04.2	/1977 IV	1976 07	25.27936	21 00	20.47	-02 46	59.5
/1976 III	1982 05	26.17997	13 22	23.36	+00 11	26.9	/1977 IV	1976 08	02.23350	20 53	57.05	-03 08	03.9
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/1976 III	1982 07	19.07921	13 37	52.30	-06 03	50.6	/1977 IV	1976 09	20.05262	20 22	06.25	-08 04	56.0
/1976 IV	1976 03	29.15226	06 06	42.72	+31 22	00.6	/1977 IV	1976 10	26.99536	20 41	32.56	-10 51	39.0
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/1976 VI	1976 06	05.20865	18 47	20.98	+16 48	52.0	/1977 IV	1977 02	19.00617	00 49	31.55	+03 02	29.2
/1976 VI	1976 06	26.12529	18 00	49.70	+12 44	50.2	/1977 V	1977 06	23.31117	00 54	41.87	+02 19	42.4
/1976 VI	1976 07	19.15541	17 28	24.14	+07 09	19.8	/1977 V	1977 08	19.29469	01 46	20.79	+04 30	08.1
/1976 VI	1976 07	23.08896	17 24	57.58	+06 13	54.4	/1977 V	1977 09	11.33013	01 40	26.65	+02 48	41.7
/1976 VI	1976 07	23.25394	17 24	49.53	+06 11	37.0	/1977 VI	1977 04	16.35716	20 16	54.16	-09 27	45.9
/1976 VI	1976 07	25.21819	17 23	19.46	+05 44	29.9	/1977 VI	1977 05	17.34044	20 45	35.47	+23 57	22.6
/1976 VI	1976 07	26.21900	17 22	36.67	+05 30	50.3	/1977 VI	1977 06	16.24991	20 31	49.24	+32 54	25.3
/1976 VI	1976 07	28.15503	17 21	19.68	+05 04	42.2	/1977 VI	1977 08	10.17636	19 33	41.44	+21 48	24.5
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/1976 XI	1976 07	29.28131	20 14	33.03	+10 40	03.0	/1977 IX	1979 02	04.42240	14 12	20.69	+21 11	59.4
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/1976 XII	1977 03	22.36120	10 09	41.06	+33 04	10.0	/1977 X	1977 11	12.08507	01 05	40.30	+01 31	36.7
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/1977 X	1978 09	05.25112	22 43	59.04	-01 58 54.9	/1978 XI	1978 03	14.04210	05 41	37.68	+22 13 34.0
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/1977 X	1978 09	26.19975	22 16	44.79	-04 21 45.2	/1978 XIV	1978 07	31.30844	00 36	10.98	-01 55 08.7
/1977 X	1978 10	31.02172	21 46	28.65	-07 08 50.0	/1978 XIV	1978 08	30.28332	00 35	06.81	+00 50 40.2
/1977 X	1978 11	01.02858	21 45	55.40	-07 12 01.6	/1978 XIV	1978 09	10.29045	00 28	37.03	+01 32 50.1
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/1977 XI	1978 07	02.21497	21 53	31.48	-14 20 01.1	/1978 XIV	1978 10	03.17368	00 09	39.39	+02 39 38.7
/1977 XI	1979 08	31.26525	23 17	25.86	-00 48 42.7	/1978 XIV	1978 10	28.10675	23 53	46.51	+03 53 37.4
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/1977 XIII	1978 03	10.26509	10 21	00.47	+00 06 08.5	/1978 XVII	1977 09	12.22506	00 06	02.16	-16 28 24.1
/1977 XIII	1978 03	11.27627	10 20	15.86	+00 09 23.2	/1978 XVII	1977 10	11.16567	00 06	02.16	-16 28 24.1
/1977 XIII	1978 03	13.20318	10 18	56.01	+00 15 36.0	/1978 XVII	1977 11	15.05214	23 47	21.46	-15 45 29.7
/1977 XIII	1978 03	14.20973	10 18	16.98	+00 18 48.3	/1978 XVII	1978 12	07.42458	11 43	50.57	+16 53 36.6
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/1978 I	1977 04	12.07322	07 56	53.20	+31 41 14.2	/1978 XVII	1979 01	23.39174	12 35	32.26	+16 30 25.5
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/1978 II	1977 04	18.13650	08 00	26.79	+31 16 12.7	/1978 XVII	1979 03	27.22532	12 05	21.20	+20 22 27.2
/1978 II	1977 06	16.10693	09 10	05.32	+25 13 14.7	/1978 XVII	1979 04	22.25677	11 49	18.79	+18 43 08.6
/1978 II	1978 08	15.27683	00 30	22.65	-14 16 28.6	/1978 XIX	1978 10	28.39100	10 13	35.02	+17 24 18.5
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/1978 IV	1977 10	11.11440	00 00	00.68	-07 19 49.1	/1978 XX	1978 09	02.16782	20 51	53.58	-29 46 49.8
/1978 IV	1977 11	17.05266	23 55	05.46	-07 42 17.2	/1978 XX	1978 09	02.19213	20 51	55.45	-29 47 36.0
/1978 IV	1978 12	01.36898	08 30	56.11	+16 12 03.5	/1978 XX	1978 09	03.16514	20 53	18.75	-30 20 01.1
/1978 IV	1978 12	03.30998	08 30	46.59	+16 13 41.1	/1978 XX	1978 09	05.15968	20 56	33.17	-31 27 23.9
/1978 V	1977 03	27.22560	12 36	53.01	+14 00 51.9	/1978 XX	1978 09	06.20498	20 58	27.85	-32 03 13.6
/1978 V	1977 03	27.35161	12 36	46.14	+14 01 49.3	/1978 XX	1978 09	08.16787	21 02	33.40	-33 11 43.8
/1978 V	1978 08	15.33038	04 43	15.40	+10 39 56.8	/1978 XX	1978 11	29.22484	03 31	09.20	-04 00 19.2
/1978 V	1978 10	26.30525	05 12	49.21	+08 00 18.6	/1978 XXI	1979 08	18.26395	23 19	06.73	-18 26 06.4
/1978 V	1978 11	28.18588	04 45	53.73	+07 23 25.7	/1978 XXI	1979 08	22.17854	23 14	57.44	-18 31 22.3
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/1978 VI	1977 08	21.19727	23 43	02.75	+28 26 48.3	/1978 XXI	1978 11	20.12795	00 16	37.05	-13 00 53.5
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/1978 VII	1977 05	16.32269	21 13	03.27	-05 09 53.8	/1978 XXI	1978 04	30.17167	10 32	31.30	+21 17 52.0
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/1978 VII	1977 08	15.18586	21 02	37.56	-04 11 45.1	/1978 XXI	1977 12	17.40999	13 56	25.97	-07 15 50.8
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/1978 VII	1978 11	29.34271	06 05	58.42	+09 00 02.6	/1978 XXIV	1978 03	07.39529	15 00	15.64	-09 33 13.5
/1978 IX	1978 12	28.21583	05 44	00.33	+08 28 11.6	/1978 XXIV	1978 04	10.31730	14 58	38.74	-07 42 37.7
/1978 IX	1978 02	04.05164	02 04	47.59	+06 28 50.8	/1978 XXIV	1978 05	04.19392	14 45	52.49	-05 56 22.1
/1978 IX	1978 03	08.03685	03 06	10.10	+14 52 47.4	/1978 XXIV	1978 06	11.21699	14 26	18.16	-04 40 18.0
/1978 X	1977 11	12.34483	07 03	03.68	+21 33 53.5	/1978 XXIV	1979 06	26.28525	00 12	26.96	-00 28 52.4
/1978 X	1977 11	15.35190	07 03	34.90	+21 33 23.6	/1978 XXIV	1979 06	18.30072	00 25	50.51	-01 18 28.7
/1978 X	1977 12	08.37844	06 59	41.03	+21 33 55.2	/1978 XXIV	1979 09	16.24902	00 12	00.56	-03 53 14.9
/1978 X	1977 12	10.28959	06 58	45.09	+21 35 02.7	/1978 XXIV	1979 09	17.23294	00 11	24.29	-03 58 51.9
/1978 X	1978 02	05.10584	06 21	12.37	+22 25 53.2	/1978 XXIV	1979 09	17.25406	00 11	23.31	-03 58 56.7

/1978 XXIV	1979	09	18.24910	00	10	46.72	-04	04	37.6	/1980 IX	1980	08	17.24821	22	22	05.13	-04	59	45.0
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/1979 I	1978	07	31.24830	22	57	20.60	-03	38	23.1	/1980 IX	1980	10	06.08641	22	07	24.09	-10	33	00.0
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/1979 I	1978	10	31.08021	22	32	53.22	-10	55	06.4	/1980 X	1980	09	09.34809	03	58	44.60	-00	34	09.6
/1979 II	1979	02	23.06650	04	08	36.46	+09	22	32.7	/1980 X	1980	12	14.24447	05	31	45.75	+26	50	15.2
/1979 II	1979	03	28.08417	05	36	43.12	+09	45	09.3	/1980 X	1981	01	11.13000	05	36	38.88	+39	13	00.6
/1979 III	1978	05	01.26075	16	02	19.45	+08	07	16.9	/1980 X	1981	03	02.11111	06	45	48.49	+44	06	27.9
/1979 III	1978	05	12.24468	15	52	53.93	+10	10	13.9	/1980 X	1981	04	04.06542	07	52	27.82	+40	53	08.2
/1979 III	1978	06	06.21150	15	27	49.79	+13	33	19.2	/1980 XI	1980	08	13.28166	02	46	24.70	+26	11	09.8
/1979 III	1978	07	01.17638	15	07	49.72	+14	20	49.3	/1980 XI	1980	09	09.32078	03	28	09.52	+33	37	12.4
/1979 III	1978	10	03.02947	16	01	20.95	+03	48	56.6	/1980 XI	1980	10	08.36310	05	04	09.27	+50	32	37.2
/1979 IV	1979	07	20.29580	03	43	14.55	+35	49	59.9	/1980 XI	1980	11	03.42918	12	56	11.88	+32	01	43.1
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/1979 IV	1980	02	11.09941	04	26	28.66	+41	22	01.1	/1980 XII	1980	11	08.96513	18	03	42.81	+40	24	09.8
/1979 V	1979	06	28.15211	14	28	35.91	-00	33	30.5	/1980 XII	1980	11	16.97964	17	58	37.72	+36	03	35.6
/1979 V	1979	08	14.07429	15	53	09.50	+00	29	53.9	/1980 XII	1981	04	10.35159	15	14	05.12	+22	31	52.9
/1979 VI	1979	07	03.25178	19	41	29.00	-10	34	20.7	/1980 XII	1981	06	03.15944	12	39	33.29	+06	47	03.4
/1979 VI	1979	07	03.28287	19	41	26.77	-10	34	01.2	/1980 XII	1980	07	14.29247	02	12	55.60	+63	41	52.2
/1979 VI	1979	07	17.17647	18	52	25.76	-05	10	22.9	/1980 XII	1980	07	18.31530	02	27	12.57	+64	39	38.7
/1979 VI	1979	08	31.21953	19	08	59.43	-06	57	53.1	/1980 XII	1980	07	19.27623	02	30	45.30	+64	52	59.9
/1979 VI	1979	10	23.01436	18	33	24.70	-00	36	22.7	/1980 XII	1981	06	29.29641	22	01	20.20	+16	31	17.2
/1979 VII	1979	09	21.17914	22	33	16.71	+35	49	10.1	/1980 XV	1981	07	07.29499	21	50	12.78	+16	04	52.8
/1979 VII	1979	09	21.27155	22	32	26.96	+35	31	39.5	/1980 XV	1981	07	28.25197	21	17	49.75	+13	45	37.0
/1979 VII	1979	09	24.18890	22	11	01.23	+26	53	09.8	/1980 XV	1981	08	27.16534	20	36	09.01	+08	26	08.8
/1979 IX	1979	09	21.09129	13	32	17.8	+68	13	50.6	/1981 I	1980	10	09.08054	19	13	58.72	+37	45	02.8
/1979 IX	1979	09	24.15238	13	26	14.02	+67	03	04.7	/1981 I	1980	10	27.97561	18	49	24.81	+35	50	04.7
/1979 IX	1979	09	27.04782	13	21	13.71	+65	58	50.8	/1981 I	1980	12	27.95390	18	48	01.12	+39	25	19.8
/1979 IX	1980	01	25.24499	07	19	20.17	+28	17	41.2	/1981 I	1980	12	30.95234	18	49	32.25	+40	11	53.0
/1979 IX	1980	01	26.24227	07	16	26.55	+27	34	53.4	/1981 I	1981	11	25.25738	05	33	30.55	+29	44	53.1
/1979 IX	1980	02	06.15764	06	52	18.20	+20	39	33.2	/1981 I	1981	12	30.22836	05	00	12.91	+28	09	35.4
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574	1978 05	08.20859	12 44	08.00	-11 51	08.6	831	1974 02	19.36266	13 15	27.69	-07 24	49.3
579	1984 01	04.11648	04 35	33.23	+33 02	18.4	831	1974 02	28.29032	13 13	04.29	-06 50	38.9
579	1986 07	04.08752	11 59	57.93	+10 47	35.9	831	1974 03	14.25433	13 04	59.51	-05 28	18.5
581	1987 01	30.19866	07 00	45.05	+27 45	04.4	835	1976 02	24.07972	09 24	47.04	+13 58	14.5
585	1986 06	05.19154	15 19	39.46	-07 00	38.9	835	1976 03	08.14344	09 16	13.41	+14 30	03.3
594	1976 10	27.29006	04 16	01.10	-21 12	41.9	835	1976 03	09.14169	09 15	40.20	+14 32	03.2
594	1977 12	11.30516	08 15	41.36	-11 47	01.0	856	1988 02	19.36520	10 14	12.01	+21 59	07.8
594	1977 12	18.30295	08 12	40.80	-11 59	34.0	861	1986 07	08.20370	18 49	57.89	-20 20	49.4
594	1978 01	16.15263	07 49	29.33	-10 23	37.5	863	1981 06	30.09733	13 50	48.36	+18 54	44.7
594	1978 02	05.15889	07 29	48.15	-06 37	56.2	881	1976 07	19.18278	18 49	45.02	-17 20	31.3
612	1979 10	22.23713	04 05	44.40	+06 53	17.4	881	1976 08	23.15589	18 46	10.93	-16 50	21.1
612	1979 10	23.26120	04 05	11.32	+06 43	12.9	881	1976 08	02.12007	18 38	59.25	-15 40	50.7
621	1978 05	12.07553	09 38	33.67	+16 03	59.7	883	1981 10	31.34356	05 41	34.84	+27 58	19.7
621	1985 02	16.27310	10 52	29.91	+11 01	16.3	885	1977 10	22.23849	01 20	14.05	+03 50	32.8
624	1983 09	02.22194	22 38	03.98	-10 41	22.6	885	1977 11	17.16113	01 06	09.42	+02 28	24.7
628	1981 02	01.12024	04 32	40.83	+15 52	11.5	887	1973 09	25.36256	03 28	02.94	-01 56	13.2
631	1976 01	05.16545	06 39	52.10	-02 23	53.0	887	1973 10	06.26701	03 44	12.53	-03 39	54.4
631	1976 01	05.18229	06 39	51.13	-02 23	56.1	887	1973 12	29.25375	06 34	44.26	+06 06	42.1
637	1977 09	11.17381	23 52	06.20	-00 51	29.5	887	1977 11	15.39841	08 04	50.86	+01 32	59.1
637	1977 11	15.08036	23 21	42.17	-04 04	13.6	887	1978 03	10.37914	12 29	45.91	+22 32	23.6
654	1987 12	22.17529	06 11	12.35	+28 26	14.6	898	1976 03	30.18232	11 22	06.46	-11 15	15.0
654	1987 12	22.20857	06 11	09.54	+28 25	43.3	900	1977 11	18.26774	04 08	50.94	+05 15	57.9

900	1977 12	08.16498	03 50	20.01	+03 59	30.4	1073
904	1980 11	13.16444	01 18	56.01	+03 21	16.7	1073
905	1980 06	13.19286	17 15	03.99	-29 38	23.9	1075
913	1977 02	19.14097	08 55	10.66	+24 03	52.9	1082
929	1988 09	12.26800	23 02	19.19	+00 42	23.4	1091
929	1988 09	15.31087	22 59	32.16	+00 19	50.1	1097
935	1973 09	25.27436	00 41	37.69	+07 39	21.2	1097
935	1973 09	25.32497	00 41	34.69	+07 39	15.2	1097
938	1986 04	13.25810	13 32	50.71	-05 45	04.0	1097
944	1976 10	24.21834	01 21	22.52	+21 23	00.5	1097
944	1978 02	15.36223	13 26	22.18	+11 23	43.1	1100
944	1978 05	02.14524	12 23	48.05	+10 32	54.9	1123
951	1988 09	09.03677	18 08	07.90	-19 28	16.5	1125
951	1988 09	12.03769	18 10	41.19	-19 28	42.4	1125
951	1988 11	13.00522	18 48	21.64	-19 14	02.2	1125
951	1988 12	04.95606	20 31	07.47	-15 30	31.2	1128
951	1988 12	06.95203	20 35	24.03	-15 15	45.1	1130
958	1976 11	19.17957	01 54	16.43	+18 39	01.8	1130
958	1976 12	27.98956	01 46	38.81	+17 26	25.9	1131
958	1977 11	12.42380	08 23	53.32	+25 00	23.7	1131
958	1977 12	17.26380	08 23	37.56	+25 27	18.7	1141
958	1978 01	16.12701	08 04	09.85	+26 18	38.6	1151
961	1977 04	18.30330	13 59	26.67	-13 34	32.6	1151
973	1980 03	19.23677	10 25	55.19	+12 49	46.2	1151
986	1978 12	29.14639	04 12	57.31	+14 03	52.4	1156
989	1976 03	31.15567	11 22	29.09	-16 40	07.0	1156
989	1977 04	17.29709	16 34	35.61	-23 41	00.1	1156
989	1983 12	06.39263	07 09	09.67	+09 57	27.5	1162
990	1976 03	30.14215	09 01	28.64	+22 10	49.6	1170
993	1977 03	27.26667	12 00	41.59	-00 10	19.3	1175
998	1973 09	26.25892	01 20	33.52	+34 21	41.0	1175
999	1983 11	30.36367	07 11	57.62	+10 14	27.0	1175
999	1983 12	01.35546	07 11	24.97	+10 10	47.2	1176
999	1983 12	06.39263	07 09	40.85	+10 00	36.2	1187
999	1983 12	08.25942	07 06	57.27	+09 53	41.9	1188
999	1983 12	09.26393	07 06	12.81	+09 45	11.4	1191
1012	1977 08	21.23253	00 20	34.11	-04 32	55.9	1191
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1020	1980 03	13.36331	11 58	22.62	-00 14	09.2	1193
1020	1980 03	13.39929	11 58	20.69	-00 13	55.1	1193
1029	1975 11	30.04437	01 34	34.72	+10 24	18.7	1197
1029	1975 12	08.15354	01 32	26.49	+10 16	27.3	1201
1030	1978 01	16.17649	08 40	32.65	-01 15	30.0	1206
1030	1978 01	31.26042	08 29	09.41	-00 14	45.6	1206
1030	1978 02	11.15291	08 21	06.06	+00 52	18.2	1212
1030	1984 03	08.27858	11 32	06.11	-03 44	03.7	1220
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1036	1972 07	22.31841	02 30	16.61	+38 07	20.8	1220
1036	1972 07	25.29323	02 42	11.6	+38 00	56	1220
1036	1972 07	26.29896	02 46	11.83	+37 57	37.1	1220
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1040	1978 07	06.30848	23 14	27.06	+13 03	44.0	1221
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1040	1978 12	29.97345	23 02	26.13	+11 18	15.3	1221
1049	1977 03	20.22257	11 24	25.70	-00 38	29.7	1221
1058	1980 07	08.11390	13 35	46.44	-08 50	43.7	1222
1064	1975 11	03.03895	23 30	38.86	+12 39	16.5	1246
1070	1987 03	29.18465	10 44	44.17	+08 48	11.2	1265
900	1977 01	16.30034	10 34	55.06	+11 02	47.9	1073
904	1977 02	22.26734	10 11	51.51	+13 19	15.0	1073
905	1982 05	18.26378	15 03	58.77	-03 27	55.4	1075
913	1983 11	30.31699	06 11	23.38	+21 07	31.7	1082
929	1982 11	17.98042	00 31	18.36	+01 58	26.5	1091
929	1978 01	31.23047	09 26	45.46	+15 10	38.6	1097
935	1978 02	01.31987	09 25	48.39	+15 15	30.5	1097
935	1978 02	02.19073	09 25	02.85	+15 19	24.5	1097
938	1978 02	04.22873	09 23	14.83	+15 28	30.4	1097
944	1978 02	12.16391	09 16	09.82	+16 03	37.4	1097
944	1979 04	24.06944	05 45	24.35	+23 44	52.6	1100
944	1978 11	26.15714	04 43	27.71	+19 28	33.4	1123
951	1977 05	16.26286	16 32	33.33	-19 41	44.9	1125
951	1977 06	09.17903	16 13	29.09	-19 09	32.5	1125
951	1978 07	01.26500	20 20	45.61	-20 53	59.2	1125
951	1978 07	06.23721	20 17	28.51	-21 07	58.2	1125
951	1978 12	02.12416	04 20	47.90	+21 43	53.4	1128
951	1979 09	16.27971	01 29	08.11	+11 31	16.8	1130
958	1976 11	22.38409	07 47	17.67	+20 34	33.2	1131
958	1976 12	22.27755	07 26	52.03	+22 04	23.0	1131
958	1973 10	06.05395	23 26	56.62	-12 30	40.6	1151
958	1977 04	16.33441	16 34	28.52	-20 33	10.2	1151
958	1977 05	17.25848	16 15	26.00	-18 08	13.0	1151
958	1981 08	01.16358	18 56	13.56	-09 59	42.3	1156
958	1976 06	22.30186	20 59	38.53	-18 02	29.2	1156
958	1976 07	19.29759	20 41	26.84	-19 38	41.0	1156
958	1976 09	25.06197	20 03	35.01	-21 56	39.3	1156
958	1981 08	27.30468	00 01	47.87	-01 46	24.9	1162
958	1977 12	12.20365	06 18	39.80	+10 35	06.6	1175
958	1978 01	11.17270	05 54	31.12	+09 13	38.1	1175
958	1978 01	16.06123	22 03	00.95	-01 39	32.5	1175
958	1978 09	29.15343	22 03	00.95	-01 39	32.5	1176
958	1980 09	19.16414	22 17	03.82	-04 48	59.4	1187
958	1984 05	06.15148	12 26	11.28	-05 07	15.7	1188
958	1977 08	16.14546	21 20	46.17	-17 51	16.6	1191
958	1977 08	18.21622	21 19	11.00	-18 09	55.4	1191
958	1985 02	18.28606	09 13	27.54	+18 59	00.4	1191
958	1978 02	12.21895	12 17	44.03	+19 52	15.3	1193
958	1978 03	10.34625	11 58	55.47	+22 14	46.5	1193
958	1978 04	14.24984	11 26	56.74	+21 52	46.3	1193
958	1986 09	02.26902	22 22	14.69	+08 58	24.2	1197
958	1987 03	27.31716	12 58	34.18	-08 19	09.0	1201
958	1977 02	16.24199	09 41	49.64	+13 47	18.1	1206
958	1977 03	22.12495	09 15	53.45	+13 37	40.9	1206
958	1984 11	20.03663	22 25	26.95	-12 21	34.2	1212
958	1974 02	14.28256	12 19	57.54	+12 13	12.3	1220
958	1974 02	15.30565	12 19	37.09	+12 20	48.0	1220
958	1974 02	16.35754	12 19	14.25	+12 28	38.7	1220
958	1974 03	13.22564	12 04	39.99	+15 37	59.5	1220
958	1974 05	15.18127	11 36	19.99	+17 02	01.0	1220
958	1975 05	09.28146	17 12	25.04	-11 47	19.6	1220
958	1975 05	18.24016	17 06	41.70	-11 41	25.7	1220
958	1975 06	10.15516	16 48	20.55	-11 47	57.7	1220
958	1980 02	13.34641	13 39	43.35	-19 40	05.3	1221
958	1980 04	18.33485	18 53	59.72	+08 59	44.3	1221
958	1980 06	14.26082	19 08	30.16	+15 01	14.0	1221
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958	1977 02	22.10435	07 44	44.94	-02 22	27.8	1222
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958	1975 11	05.41765	07 59	13.90	+27 42	21.1	1265

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1309	1974 06 15.10884	12 26 19.16	-03 06 23.7	1526	1976 02 03.26828	11 54 51.24	-00 20 40.7
1309	1975 05 09.30139	17 20 59.96	-13 18 32.7	1526	1976 02 03.30173	11 54 50.27	-00 20 42.5
1309	1975 05 18.26595	17 15 53.20	-12 47 48.3	1526	1976 02 23.31486	11 41 19.90	+00 05 15.0
1309	1986 06 10.17397	14 51 07.27	-09 49 00.8	1526	1976 02 27.23571	11 37 37.52	+00 17 09.8
1318	1977 08 15.25439	00 07 27.67	-08 30 18.9	1526	1976 02 29.37994	11 35 29.68	+00 24 23.1
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1440	1984 03 03.26106	10 04 31.85	+15 09 51.4	1605	1975 09 07.23664	02 36 56.18	+08 15 54.0
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1491	1978 05 12.11074	10 40 10.55	+05 01 31.1	1627	1985 06 19.20103	21 11 23.41	+10 24 29.8
1515	1979 03 22.31285	11 42 05.84	+16 31 40.7	1627	1985 06 19.26957	21 11 42.80	+10 24 44.8
1515	1979 04 22.17576	11 19 48.34	+16 30 29.8	1627	1985 06 20.22337	21 16 22.88	+10 27 27.3
1516	1976 03 31.12002	08 06 11.22	+23 22 35.2	1627	1985 06 21.23602	21 21 22.44	+10 29 28.3

1627	1985	06	22.23462	21	26	20.60	+10	30	30.9	1816	1976	06	22.22927	17	23	39.24	+15	36	23.7
1632	1980	02	22.21743	10	08	09.53	+04	49	01.0	1820	1975	07	02.27296	20	40	57.22	-12	15	40.1
1640	1977	01	16.26589	09	59	40.08	+19	24	09.5	1820	1975	07	03.18361	20	40	45.78	-12	18	41.9
1650	1985	03	22.23293	09	55	29.31	+09	44	40.5	1824	1981	04	01.15139	11	33	05.98	+03	48	01.9
1660	1977	08	19.24710	23	59	05.50	+20	24	51.5	1824	1981	04	07.22088	11	29	01.99	+04	09	27.8
1660	1977	09	08.27822	23	45	58.01	+18	55	34.0	1824	1981	04	08.15172	11	28	28.00	+04	12	20.8
1660	1977	09	13.12449	23	41	53.35	+18	16	40.0	1830	1982	10	11.17062	22	53	54.69	-10	26	08.5
1669	1981	01	06.24738	05	54	50.07	+24	44	33.4	1830	1982	10	12.10056	22	53	30.13	-10	29	19.6
1685	1984	02	09.00587	03	04	10.16	+04	43	33.8	1832	1975	08	02.29139	23	36	56.52	+11	56	10.9
1685	1984	03	05.01364	05	44	37.76	+07	01	34.6	1832	1975	08	19.25787	23	29	25.60	+13	14	28.9
1685	1984	03	28.05616	07	11	42.83	+07	13	18.4	1833	1977	05	18.23383	17	07	25.60	-06	24	20.1
1685	1984	04	29.07939	08	36	13.18	+05	50	06.2	1834	1975	10	07.14258	01	39	40.08	+23	19	06.9
1685	1984	05	06.04191	08	52	06.62	+05	18	25.0	1838	1974	03	13.28164	13	36	11.88	+09	17	52.9
1685	1988	06	11.30953	21	25	59.15	-11	59	54.6	1838	1974	03	28.36365	13	24	42.75	+09	45	06.5
1685	1988	06	14.29653	21	31	13.13	-10	45	06.6	1841	1974	03	13.24259	11	43	15.33	+05	06	47.3
1685	1988	07	11.29086	22	27	57.31	+08	47	35.2	1841	1974	03	14.27365	11	42	30.26	+05	11	11.6
1696	1981	11	03.16238	23	39	36.94	-03	54	29.0	1845	1975	05	12.28078	15	12	06.93	-01	24	47.1
1698	1988	12	07.08756	02	35	22.06	+16	07	36.8	1845	1975	05	17.18838	15	08	19.17	-01	11	01.6
1698	1988	12	10.06458	02	33	53.34	+16	01	10.3	1847	1973	11	04.12483	01	42	03.48	-07	37	10.8
1709	1975	03	19.10183	09	53	08.87	+05	33	11.4	1851	1974	02	14.20970	08	30	09.93	+21	17	24.3
1717	1977	02	17.32222	12	11	42.70	-02	48	43.2	1851	1974	02	16.14141	08	28	45.67	+21	21	28.6
1717	1977	04	12.18460	11	21	23.33	-00	48	17.2	1851	1974	02	16.21738	08	28	42.33	+21	21	36.7
1721	1978	03	16.17699	11	39	02.33	-14	56	05.0	1851	1974	02	18.19114	08	27	19.76	+21	25	28.7
1734	1984	12	18.26393	06	36	03.35	+09	56	47.1	1851	1974	02	18.26181	08	27	16.78	+21	25	35.9
1736	1977	09	15.34969	00	59	34.73	+02	24	04.8	1851	1976	06	05.16150	15	50	42.55	-21	40	42.6
1737	1981	09	21.18681	22	50	07.31	-02	16	10.6	1852	1973	11	04.24126	01	50	01.72	-04	57	38.2
1744	1977	10	22.25978	02	31	19.90	+16	02	49.3	1852	1973	11	30.17883	01	35	06.90	-04	19	08.5
1744	1977	11	15.21631	02	05	28.53	+14	39	22.5	1852	1986	02	09.39991	12	14	58.99	+14	26	15.1
1750	1974	06	13.27874	20	50	26.64	-08	46	15.1	1852	1986	02	13.37556	12	13	43.29	+14	53	45.4
1754	1975	04	30.21235	12	43	35.14	+04	46	40.5	1853	1973	11	04.30883	06	14	19.46	+37	22	23.4
1754	1975	05	01.25049	12	43	07.80	+04	50	15.0	1853	1973	12	19.34435	05	39	41.44	+36	16	25.2
1757	1976	09	23.13394	21	30	16.88	-20	26	07.2	1853	1973	12	24.22801	05	34	32.80	+35	52	11.3
1757	1976	09	25.08615	21	29	32.55	-20	24	54.2	1862	1973	03	28.11306	12	23	20.88	+06	02	24.3
1757	1976	10	24.00853	21	31	00.10	-19	08	52.8	1862	1973	03	28.15571	12	23	14.87	+06	02	56.8
1758	1978	02	10.10869	07	59	53.18	+23	42	06.5	1862	1973	03	28.21491	12	23	06.56	+06	03	38.9
1758	1978	04	07.07005	07	54	51.64	+25	23	36.7	1862	1973	03	29.08249	12	21	06.09	+06	14	14.6
1762	1982	08	15.25937	23	32	16.16	-03	04	04.9	1862	1973	03	29.16793	12	20	53.77	+06	15	18.2
1762	1982	08	19.20442	23	30	18.60	-03	20	14.3	1862	1973	03	30.12149	12	18	38.94	+06	26	55.1
1762	1982	08	22.28510	23	26	34.13	-03	34	10.6	1862	1973	05	06.16662	10	54	04.24	+10	45	21.8
1772	1978	11	04.24937	01	29	15.01	+01	07	57.5	1862	1973	05	28.10162	10	33	57.57	+09	13	54.9
1772	1978	12	02.09016	01	14	07.76	+00	58	39.5	1862	1973	05	30.10632	10	33	15.71	+08	58	52.8
1772	1978	12	07.17752	01	13	21.29	+01	10	43.6	1862	1973	09	26.35164	07	58	21.60	+22	13	58.6
1774	1973	10	24.28957	04	42	38.57	+19	52	01.0	1862	1973	11	26.41094	08	18	53.71	+30	19	20.3
1774	1987	11	23.00195	23	31	25.63	-03	47	26.7	1862	1974	01	28.29011	05	57	45.86	+34	51	50.7
1781	1978	01	12.38473	08	42	07.65	+09	54	28.9	1862	1974	01	28.29011	05	57	45.86	+34	51	50.7
1781	1978	01	17.11410	08	37	01.69	+30	20	45.9	1862	1974	03	13.06467	06	04	26.43	+31	15	22.4
1781	1978	02	09.21742	08	11	21.60	+31	34	06.9	1862	1976	02	05.20906	08	31	26.18	+30	30	28.7
1786	1974	10	14.10247	22	56	29.13	-13	05	36.5	1862	1978	02	03.24981	10	25	38.50	+21	02	18.5
1786	1974	10	18.19333	22	54	55.94	-12	52	33.3	1862	1978	02	13.25712	09	22	40.95	+25	16	16.2
1791	1981	11	24.15269	00	51	02.16	+04	10	46.0	1862	1980	12	15.05867	02	24	12.33	+28	53	26.0
1791	1981	12	20.06861	00	54	49.96	+04	09	35.1	1862	1981	01	11.07086	03	10	44.92	+28	27	45.4
1791	1985	07	18.33063	21	24	07.73	-06	37	16.2	1862	1982	03	25.37880	14	46	01.65	-10	27	23.4
1791	1975	07	02.21035	18	45	22.93	-18	35	43.5	1862	1982	04	19.25322	14	30	59.55	-12	04	16.7
1800	1975	07	02.23949	18	45	21.21	-18	35	51.9	1863	1975	03	04.06273	08	11	14.17	+36	24	35.1
1801	1978	08	15.24530	23	09	25.45	-22	17	15.1	1863	1975	11	04.98086	20	37	00.83	-18	29	39.5
1801	1978	11	25.97983	22	38	54.60	-21	03	44.0	1863	1982	02	26.37174	12	11	40.47	+01	09	19.3
1801	1978	12	01.97891	22	42	57.41	-20	17	15.6	1863	1982	03	03.30279	12	06	42.65	-01	36	06.4
1807	1972	12	04.33426	11	20	39.62	+00	22	18.5	1863	1982	03	27.16037	10	46	54.83	-30	18	49.5
1807	1972	12	15.40558	11	30	25.83	-00	55	17.9	1864	1973	12	24.35914	11	25	42.45	+30	53	04.6
1807	1973	01	13.35221	11	44	23.94	-03	09	56.2	1864	1974	02	18.31529	10	07	29.09	+39	51	09.4
1808	1983	11	08.14423	02	42	46.12	+17	45	04.8	1864	1977	01	18.00713	22	47	38.84	+06	57	07.9
1812	1974	06	10.14642	15	34	14.42	-06	05	35.9	1864	1977	02	22.00760	01	37	24.74	+32	34	54.1
1816	1976	05	31.19334	17	45	13.93	+16	24	56.6	1864	1978	03	14.29429	12	15	58.50	+05	53	26.4

1864	1978 04 14.21352	11 06 17.24	+07 25 54.8	1880	1976 03 30.35332	15 49 55.24	-13 18 45.1
1864	1978 05 07.15719	10 33 19.25	+06 15 20.2	1880	1976 06 04.15097	15 06 32.18	-10 37 33.7
1864	1985 03 21.29017	11 33 03.25	+12 48 36.0	1880	1976 06 05.18637	15 05 50.07	-10 37 03.3
1865	1972 07 12.31180	00 44 37.87	+25 09 13.4	1882	1976 04 02.31218	16 38 24.26	-15 33 25.9
1865	1972 08 21.29170	00 51 03.58	+29 31 51.0	1882	1976 05 25.30937	16 15 25.45	-11 20 39.4
1865	1972 10 28.07008	22 52 09.11	+04 40 21.8	1883	1972 10 28.24743	04 43 45.69	+00 09 57.7
1865	1972 11 04.00400	22 49 14.47	+01 51 50.8	1883	1972 11 28.29939	04 05 06.84	+09 23 49.4
1865	1972 11 30.00659	23 00 42.79	-04 27 13.4	1883	1974 02 28.32327	14 43 06.33	+14 34 00.8
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1865	1982 09 12.07410	21 48 46.75	+21 09 56.9	1884	1977 03 20.30362	12 08 36.98	-08 14 05.6
1866	1972 12 08.16444	02 14 36.8	+46 47 35	1884	1983 12 04.08291	00 59 57.76	+42 59 35.9
1866	1972 12 08.18056	02 14 32.97	+46 48 24.4	1885	1972 11 07.23876	04 32 21.16	+32 13 03.6
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1866	1972 12 11.98215	02 02 02.68	+49 36 12.5	1885	1974 02 14.31832	11 15 30.51	+02 28 24.6
1866	1972 12 15.29167	01 54 37.03	+51 15 12.4	1885	1974 02 14.34693	11 15 28.99	+02 28 31.9
1866	1973 05 01.08027	06 47 51.00	+56 39 40.7	1885	1974 03 15.19600	10 47 01.80	+04 31 34.8
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1866	1974 02 16.39065	14 52 36.97	+31 25 12.0	1885	1975 08 19.17288	21 47 13.76	-13 41 19.4
1866	1974 04 17.27690	13 56 42.08	+39 50 28.3	1886	1974 04 16.24021	13 16 26.24	+15 05 09.9
1866	1977 04 12.29095	15 39 34.54	+14 58 14.2	1886	1974 04 16.25242	13 16 25.59	+15 05 11.2
1866	1977 04 15.30629	15 35 47.13	+15 11 11.1	1886	1974 04 18.15546	13 14 38.69	+15 08 01.0
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1866	1982 04 19.30865	14 35 17.48	+30 01 39.4	1886	1974 10 21.24774	04 04 42.06	+37 54 47.4
1866	1985 03 25.39234	16 50 57.73	-02 23 41.4	1891	1974 10 09.29323	03 48 25.78	+38 13 33.7
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1866	1986 02 13.13908	02 43 38.22	+53 04 39.0	1895	1974 06 16.09829	14 54 12.35	-17 07 52.7
1867	1975 07 01.30822	19 44 03.23	-15 42 19.1	1895	1974 07 13.11053	14 50 03.88	-16 55 34.1
1867	1975 07 02.22612	19 43 31.31	-15 40 30.7	1896	1974 06 12.14333	16 51 48.85	-18 47 27.6
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1868	1972 11 02.06119	00 51 15.89	+04 46 48.0	1897	1974 04 17.22302	13 38 37.12	-09 13 20.0
1868	1972 11 02.16637	00 51 13.56	+04 46 18.5	1898	1974 04 27.12677	13 31 30.64	-08 31 00.2
1868	1973 12 03.08281	03 39 18.78	+05 27 53.3	1898	1974 05 18.14305	13 19 08.27	-07 17 34.0
1870	1974 06 15.23759	19 29 04.01	-14 14 38.3	1899	1974 07 21.31350	00 24 08.84	-07 19 21.1
1870	1974 07 17.10830	19 13 17.91	-14 45 11.4	1901	1973 03 29.27937	14 38 04.68	+18 56 14.8
1872	1984 04 29.30757	15 40 42.10	-06 45 10.5	1901	1973 03 29.27937	14 38 02.93	+18 56 33.8
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1875	1973 04 09.27545	12 37 35.68	-04 21 21.7	1912	1981 09 29.35088	03 05 33.24	+19 26 13.0
1875	1974 05 15.30495	18 01 26.96	-06 11 17.7	1912	1975 09 04.23284	01 24 54.88	+04 13 40.1
1875	1974 05 19.30266	17 59 52.31	-05 48 05.2	1913	1975 09 05.23224	01 24 38.92	+04 11 14.3
1875	1974 05 21.22137	17 58 59.87	-05 37 17.3	1913	1977 10 07.29735	02 07 46.46	+14 09 27.3
1876	1973 01 02.36431	11 30 07.78	-10 32 53.8	1913	1977 10 16.25209	02 00 51.19	+13 39 22.7
1876	1974 07 21.25543	00 53 19.69	+28 56 50.1	1915	1977 11 17.10210	01 36 07.18	+11 35 48.0
1876	1974 08 15.28322	01 05 11.23	+37 08 08.6	1915	1977 02 22.34985	13 58 33.11	-17 42 34.4
1877	1973 09 27.19017	22 02 32.74	-19 02 17.9	1915	1977 03 20.35539	15 35 27.92	+23 36 31.7
1877	1973 10 24.11201	21 57 30.73	-16 49 05.2	1915	1977 04 12.32113	15 40 27.35	+34 01 39.7
1877	1974 08 15.34171	02 27 05.56	+26 10 44.5	1915	1977 04 16.30062	15 37 53.86	+34 35 49.3
1877	1974 08 16.22975	02 25 18.17	+28 57 47.3	1915	1985 03 23.28247	09 32 43.20	+45 30 43.6
1877	1974 11 10.24118	01 47 03.10	+29 14 39.3	1916	1974 10 18.33127	06 55 15.59	+38 32 05.2
1879	1975 09 06.12103	20 22 48.94	-16 41 19.0	1916	1974 10 23.23918	06 57 02.09	+38 56 55.7
1880	1973 11 03.26111	02 44 27.96	+08 06 42.8	1916	1974 11 11.17741	06 54 46.55	+40 40 09.9
1880	1973 11 04.17323	02 43 38.00	+08 03 22.4	1916	1974 12 19.11050	06 08 22.46	+42 33 21.8

1916	1977 08 19.27315	00 29 12.17	-02 02 23.4	1936	1976 08 02.27722	21 17 26.36	-03 04 07.0
1916	1984 09 23.35677	04 00 08.89	+38 15 07.0	1936	1976 08 03.22423	21 16 37.43	-03 05 34.0
1916	1984 10 03.38324	03 58 35.91	+40 27 09.0	1936	1976 08 03.31022	21 16 32.86	-03 05 43.8
1916	1984 10 25.16426	03 34 45.27	+43 22 29.9	1939	1974 10 14.07373	22 36 23.20	-09 49 04.7
1917	1973 05 01.31620	17 22 40.43	+07 13 54.1	1939	1974 10 19.13024	22 35 12.67	-09 53 58.9
1918	1974 09 22.35336	03 33 28.40	+14 29 58.1	1939	1974 10 19.17078	22 35 12.17	-09 53 59.5
1918	1974 10 12.27197	03 31 01.61	+12 57 55.9	1939	1974 10 22.04438	22 34 46.33	-09 55 23.2
1918	1974 10 14.25464	03 30 16.38	+12 46 50.2	1939	1974 11 10.03949	22 36 04.37	-09 40 06.7
1918	1974 10 12.22743	03 41 25.36	+45 13 19.5	1939	1974 11 11.09167	22 36 20.80	-09 38 06.1
1919	1974 10 14.22918	03 40 20.75	+45 53 38.2	1939	1974 11 14.02574	22 37 13.26	-09 31 46.9
1920	1974 10 21.29249	07 08 35.29	+27 32 32.9	1939	1974 12 15.95090	22 55 30.41	-07 30 33.6
1920	1974 11 09.40478	07 28 47.67	+32 38 20.7	1940	1975 02 02.15207	07 42 20.10	+15 26 36.6
1920	1974 11 10.35266	07 29 29.07	+32 56 01.2	1940	1975 02 03.06288	07 41 37.96	+15 27 33.2
1920	1974 11 11.20488	07 30 04.72	+33 12 05.6	1940	1975 02 04.16859	07 40 47.75	+15 28 39.8
1920	1975 01 15.06002	06 28 46.15	+53 36 07.2	1940	1975 02 08.14880	07 37 56.98	+15 32 49.2
1921	1973 11 02.99746	22 59 20.38	+06 40 33.8	1940	1975 02 22.08810	07 30 34.07	+15 46 32.0
1921	1979 10 22.20609	02 45 57.58	+45 09 27.9	1940	1975 03 19.06383	07 29 26.28	+15 59 18.0
1921	1980 02 06.06716	02 54 21.95	+40 53 48.2	1940	1975 04 01.11181	07 34 47.69	+15 56 10.6
1922	1974 10 18.25926	02 55 56.77	+20 04 53.1	1940	1975 04 17.06833	07 45 53.27	+15 40 19.2
1922	1974 11 10.09954	02 38 15.06	+17 38 27.0	1940	1975 04 17.13056	07 45 56.35	+15 40 13.9
1922	1974 12 13.07168	02 18 28.40	+13 42 06.4	1940	1976 02 23.38362	13 45 26.46	-19 07 36.3
1922	1976 12 16.26175	06 23 32.66	-11 29 03.1	1940	1976 02 30.28032	13 30 47.67	-18 29 51.6
1922	1977 01 21.12882	05 57 24.99	-11 56 31.5	1940	1977 07 19.18965	18 18 15.38	-20 40 21.7
1922	1979 09 21.30051	22 38 30.99	+38 04 48.3	1940	1975 01 18.35796	12 06 24.42	+03 50 01.1
1922	1979 10 19.08184	22 29 50.68	+29 51 33.7	1941	1975 03 04.22625	11 51 50.20	+05 47 10.8
1922	1980 09 16.33007	03 31 43.34	+21 17 09.4	1941	1975 03 19.20861	11 43 32.09	+06 40 01.6
1923	1975 10 08.15069	22 36 51.16	-08 56 55.1	1941	1975 05 01.13965	11 24 37.76	+08 14 06.0
1923	1975 11 03.01572	22 33 09.90	-08 28 10.9	1941	1976 12 19.27689	07 34 08.24	+60 05 06.4
1923	1975 11 07.00966	22 34 14.90	-08 15 17.9	1942	1977 01 20.01099	06 31 36.58	+57 40 38.8
1924	1974 08 10.23819	22 44 00.67	-09 35 23.1	1942	1977 02 18.06260	06 12 53.16	+50 48 28.5
1924	1974 08 11.24622	22 43 12.52	-09 39 28.1	1942	1973 05 30.26124	19 58 40.27	-10 17 46.4
1925	1974 07 17.14630	15 42 27.91	-13 02 58.5	1943	1973 05 30.30750	19 58 39.72	-10 14 20.9
1925	1974 07 21.12342	15 42 33.09	-13 20 36.6	1943	1973 06 03.27583	19 58 35.78	-05 38 11.2
1925	1974 07 21.14164	15 42 33.15	-13 20 41.7	1943	1973 07 03.19190	19 33 37.09	+11 47 57.0
1926	1977 01 16.03571	03 05 23.98	+09 16 36.6	1943	1973 07 03.20556	19 33 36.04	+11 48 04.6
1928	1975 02 02.15207	07 41 50.77	+15 22 16.5	1943	1973 09 27.06293	20 03 08.94	-02 18 26.8
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1928	1975 02 04.16859	07 40 06.37	+15 29 50.9	1943	1977 11 18.32122	07 20 08.81	+17 52 38.3
1928	1976 02 27.29848	13 32 55.89	-08 37 19.2	1943	1977 12 11.24690	07 09 47.07	+13 53 01.1
1928	1976 03 08.32527	13 29 39.77	-08 01 21.3	1943	1978 01 11.24397	06 15 44.12	+08 37 33.0
1929	1974 11 08.28058	05 48 22.52	+24 32 28.7	1943	1982 11 14.33017	04 43 37.20	+23 57 54.0
1929	1974 11 09.31773	05 48 01.04	+24 36 37.5	1943	1982 12 18.14031	03 45 25.35	+17 17 41.2
1929	1974 11 10.27046	05 47 39.30	+24 40 31.2	1943	1985 06 19.21655	21 31 21.83	+07 20 12.0
1930	1974 09 22.27036	02 48 50.79	+35 21 35.6	1943	1985 06 19.29052	21 31 19.86	+07 22 22.5
1930	1974 10 12.20465	02 36 48.60	+36 24 15.2	1943	1985 06 20.23711	21 31 01.83	+07 49 44.2
1930	1974 10 14.17052	02 35 07.23	+36 25 52.4	1943	1985 06 21.25066	21 30 59.07	+07 52 22.9
1931	1975 01 15.24498	08 11 30.48	+08 53 47.7	1943	1985 06 22.22436	21 30 12.51	+08 44 54.1
1932	1974 07 20.27190	22 12 38.23	-08 49 09.3	1943	1975 06 09.24020	17 54 27.29	-14 51 02.2
1932	1974 08 19.25966	21 48 52.65	-11 02 39.4	1944	1975 06 10.19029	17 53 34.80	-14 46 39.9
1933	1974 08 12.29917	01 11 30.19	+05 47 03.2	1944	1975 07 05.14123	17 28 45.36	-13 24 55.6
1933	1974 04 18.19059	13 06 30.99	+27 31 01.8	1944	1975 07 29.10520	17 16 27.13	-13 29 16.4
1933	1974 01 23.02950	00 41 47.13	+01 38 59.8	1944	1976 12 27.24547	08 25 52.86	+10 40 15.5
1935	1975 01 06.34545	10 39 50.52	-02 52 39.5	1944	1977 01 13.27671	08 09 09.45	+11 12 12.8
1935	1975 01 08.31389	10 39 35.91	-02 55 00.4	1944	1977 01 18.25645	08 03 39.55	+11 27 35.1
1935	1975 02 03.23420	10 27 40.89	-02 10 35.8	1945	1975 08 06.20941	21 34 55.98	-13 37 28.4
1935	1977 07 19.21821	20 46 02.12	-02 24 51.8	1945	1975 09 01.12182	21 15 38.43	-16 27 26.6
1935	1977 08 16.19517	20 22 21.16	-04 22 44.8	1946	1975 04 01.18773	10 39 25.92	+14 49 27.7
1935	1977 08 19.09797	20 20 08.20	-04 41 12.9	1946	1975 04 15.08932	10 31 56.24	+14 41 46.0
1936	1976 07 26.27465	21 23 18.67	-02 56 39.8	1947	1975 05 01.27424	16 13 49.86	-10 53 07.8
1936	1976 07 28.23832	21 21 42.36	-02 58 05.7	1947	1975 05 09.23397	16 08 12.33	-10 49 39.3

1947	1975 05	11.24447	16 06	39.15	-10 49	15.5	1962	1975 01	18.31612	10 44	43.77	+09 38	31.0
1947	1975 06	09.20113	15 43	15.17	-11 11	33.8	1962	1975 02	04.20308	10 35	50.57	+10 32	30.5
1947	1975 06	10.13927	15 42	34.97	-11 13	21.5	1962	1975 03	08.23166	10 33	08.50	+10 48	11.7
1947	1977 10	11.24310	02 35	31.56	-00 10	11.2	1963	1975 04	01.21559	12 29	34.11	+41 01	03.7
1947	1977 10	18.28419	02 30	34.09	-00 34	33.1	1963	1976 05	29.29675	19 08	07.59	-14 16	45.1
1947	1977 11	15.19572	02 09	09.34	-01 26	00.1	1965	1975 04	20.22475	14 50	26.31	-13 39	25.3
1947	1977 12	12.11935	01 56	00.95	-00 35	29.5	1965	1975 05	01.22233	14 40	39.16	-12 58	17.9
1948	1975 01	15.35683	11 01	03.72	-14 44	35.1	1965	1975 05	11.19162	14 31	35.83	-12 21	13.9
1948	1975 01	15.41896	11 01	03.63	-14 44	41.3	1965	1976 07	26.25685	21 19	53.67	-18 10	01.4
1948	1975 02	08.25907	10 52	10.94	-16 01	48.6	1965	1976 08	25.12227	20 53	23.73	-20 18	57.1
1948	1975 02	09.20888	10 51	28.88	-16 05	51.3	1965	1975 08	06.24824	22 54	52.92	-08 43	56.3
1948	1976 07	26.30810	21 43	02.95	-23 00	04.9	1966	1975 09	04.16062	22 31	30.42	-11 33	28.9
1948	1976 08	03.25823	21 35	36.19	-23 34	33.1	1966	1975 09	04.16062	22 31	30.42	-11 33	28.9
1948	1976 08	31.14327	21 09	13.37	-24 41	37.4	1966	1976 11	21.26746	05 53	38.95	+20 30	59.7
1948	1986 01	12.02955	01 45	58.96	+14 02	36.2	1966	1976 12	22.20363	05 23	26.85	+20 29	37.9
1949	1975 01	18.27999	08 13	46.90	+15 39	01.5	1967	1975 11	05.17537	01 41	49.96	+07 12	24.7
1949	1975 02	03.09529	07 57	18.36	+16 15	15.5	1967	1975 11	07.09755	01 40	07.99	+07 10	01.9
1950	1975 07	05.24333	21 32	57.18	-20 23	14.0	1967	1975 11	09.21786	01 38	21.04	+07 08	03.4
1950	1975 09	01.10367	20 41	05.18	-25 01	49.7	1967	1975 11	30.08986	01 28	16.83	+07 30	46.2
1950	1975 09	05.09096	20 38	31.15	-25 06	00.7	1967	1975 12	29.07747	01 39	40.72	+10 08	07.1
1951	1975 03	05.17587	08 49	09.73	+55 49	10.7	1968	1975 09	07.32054	02 34	43.77	+10 30	48.2
1951	1975 03	05.17587	08 49	09.73	+55 49	10.7	1968	1975 10	07.18382	02 22	29.53	+09 23	33.1
1951	1980 06	14.22686	13 54	10.44	+59 17	18.3	1968	1975 11	03.22464	01 59	56.11	+07 47	11.9
1951	1980 07	18.19016	14 43	04.60	+36 24	56.9	1969	1975 08	02.27083	22 33	24.65	-04 53	27.1
1952	1975 08	06.28447	23 37	26.05	-24 09	32.5	1969	1975 09	01.14205	22 13	07.52	-06 55	43.4
1952	1975 09	01.20556	23 22	50.76	-27 19	36.8	1969	1975 09	05.19049	22 10	15.49	-07 14	35.9
1953	1975 01	15.32211	10 01	31.64	+15 20	19.7	1969	1976 09	25.28384	02 19	13.63	+14 05	02.0
1953	1975 02	03.21398	09 48	47.79	+16 40	51.1	1969	1976 10	23.31591	02 01	07.71	+12 11	57.9
1953	1975 03	06.16661	09 24	57.02	+18 37	54.1	1969	1976 10	27.22676	01 58	11.59	+11 53	23.4
1954	1975 03	04.15947	10 11	14.88	-08 27	45.2	1969	1976 10	27.33131	01 58	06.78	+11 52	53.5
1954	1975 04	30.12961	09 49	12.19	-03 31	04.0	1970	1975 09	05.25420	02 01	07.47	+21 27	32.4
1955	1975 02	04.32447	10 56	12.82	+05 16	23.3	1970	1975 10	07.12053	01 44	46.90	+21 37	51.9
1955	1975 02	08.19565	10 53	48.31	+05 29	51.5	1970	1977 01	18.30793	10 31	24.45	+07 23	11.1
1955	1975 03	04.18764	10 35	06.19	+07 18	42.6	1970	1977 02	22.17397	10 05	02.75	+07 25	48.7
1956	1974 08	11.27623	22 46	25.94	-07 47	33.7	1971	1975 07	02.25817	20 22	50.88	-20 28	17.0
1956	1975 10	05.38155	03 29	17.07	+17 05	10.9	1971	1975 07	03.21265	20 22	10.25	-20 28	29.6
1957	1975 11	02.24869	03 13	45.41	+15 53	04.8	1971	1975 07	30.15561	19 59	20.90	-20 35	28.7
1957	1975 04	20.10840	12 50	31.42	+04 58	20.7	1971	1976 10	27.09696	01 32	34.43	+24 12	16.7
1957	1975 04	30.21235	12 43	17.39	+04 57	01.9	1971	1976 11	21.02877	01 16	10.79	+21 45	04.3
1957	1975 05	01.23049	12 42	38.22	+04 56	02.4	1972	1975 09	04.22031	01 21	32.71	+03 38	36.6
1957	1975 05	18.16264	12 34	59.27	+04 17	06.2	1972	1975 10	05.20326	01 01	12.96	+02 00	38.3
1959	1975 05	15.21229	13 54	06.26	-21 53	52.6	1972	1977 04	16.13575	12 32	50.93	+00 18	36.2
1959	1975 05	18.13855	13 51	46.12	-21 32	13.0	1973	1975 11	05.24318	05 17	05.99	+09 50	38.6
1959	1976 12	18.10719	02 11	00.60	+20 37	14.5	1973	1975 11	05.26822	05 17	05.33	+09 50	32.4
1960	1973 12	15.22656	02 01	30.54	+18 18	48.2	1973	1975 12	02.17179	04 59	17.54	+08 08	34.2
1960	1975 01	08.23593	09 38	59.88	+26 38	45.9	1973	1975 12	07.33012	04 55	05.35	+07 56	10.8
1960	1975 01	08.28478	09 38	58.04	+26 39	00.9	1974	1976 12	28.30694	08 03	55.80	+08 49	14.4
1960	1975 01	15.14053	09 34	05.85	+27 14	38.3	1974	1976 12	28.33948	08 00	14.48	+08 56	48.8
1960	1975 01	18.24698	09 31	30.27	+27 30	46.9	1974	1977 01	13.24797	07 48	34.61	+09 35	10.2
1960	1975 02	09.18127	09 09	08.54	+29 02	30.5	1974	1977 02	22.07667	07 22	48.79	+12 19	38.2
1960	1977 10	07.35532	02 52	36.53	+19 21	22.0	1975	1975 12	04.30502	08 28	24.77	+11 45	22.6
1960	1977 10	11.27429	02 49	34.06	+19 23	07.0	1975	1975 12	11.34762	08 26	57.35	+11 41	41.3
1960	1977 10	18.30693	02 43	16.90	+19 21	49.0	1975	1975 12	29.35118	08 17	54.58	+11 59	00.9
1961	1975 02	02.19329	08 17	48.85	+29 47	34.4	1976	1975 11	03.17764	01 42	27.73	+07 05	36.7
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1961	1975 03	04.11950	07 59	21.80	+29 36	28.3	1976	1975 11	07.09755	01 39	00.75	+06 49	47.4
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1961	1984 08	29.14389	23 29	01.45	-10 41	02.6	1979						

1980	1976 01	02.33844	09 52 47.96	-27 04 39.4	1999	1976 09	22.36075	01 45 47.96	-03 01 42.9
1980	1976 01	05.31130	09 50 34.49	-27 51 28.0	1999	1976 09	23.31642	01 45 18.94	-03 08 47.3
1980	1976 01	06.33291	09 49 43.30	-28 06 21.4	2000	1975 11	02.23831	03 29 31.49	+63 16 06.4
1980	1977 12	11.26763	07 14 57.10	-07 15 50.9	2000	1975 11	03.04223	03 28 57.17	+63 15 14.4
1980	1978 01	12.17346	06 14 49.90	-15 52 28.6	2000	1975 12	08.21944	03 02 48.43	+54 38 21.5
1980	1979 06	16.18642	15 33 39.51	-12 31 07.8	2000	1976 01	05.14644	03 19 36.27	+41 23 02.6
1980	1979 07	15.15985	15 14 21.91	-00 44 07.3	2001	1973 03	30.19534	10 00 40.64	+19 29 01.6
1980	1988 06	11.27143	17 07 19.27	-05 47 57.2	2001	1974 08	15.32058	01 51 39.59	+16 23 53.0
1980	1988 07	14.10779	16 16 33.07	+12 47 23.3	2001	1974 09	16.17847	01 38 26.30	+23 08 42.6
1980	1988 11	04.97239	19 46 48.76	+21 57 00.4	2001	1974 11	11.11608	00 17 16.03	+26 07 03.6
1980	1988 11	08.01010	20 02 08.42	+21 30 57.8	2001	1977 11	19.09791	04 55 43.55	+60 41 31.2
1981	1973 04	13.03042	05 20 06.47	+01 31 37.9	2001	1977 11	19.19777	04 55 31.46	+60 42 31.3
1981	1973 04	13.04033	05 20 03.88	+01 30 38.2	2001	1977 12	16.19585	03 53 06.23	+61 28 43.7
1981	1975 12	01.95928	20 49 26.01	-13 58 20.4	2003	1976 08	24.32957	03 56 13.26	-03 09 41.0
1981	1975 12	03.96650	20 57 20.18	-12 28 22.4	2003	1976 08	31.23405	23 52 08.15	-03 37 59.0
1982	1975 12	02.05173	01 51 53.13	+12 32 51.2	2003	1976 09	23.21376	23 35 41.39	-05 23 23.4
1982	1975 12	30.13132	01 55 35.85	+14 10 18.5	2003	1976 09	25.34429	23 34 07.52	-05 32 45.3
1982	1976 02	24.01177	02 56 11.55	+20 06 31.2	2004	1976 07	26.32621	23 09 53.46	-08 06 01.9
1983	1976 10	29.22602	04 07 11.78	+28 38 38.1	2004	1976 07	28.30931	23 09 24.41	-08 08 41.6
1983	1976 11	17.28402	03 48 07.88	+29 19 16.7	2004	1976 08	26.20717	22 49 39.30	-09 50 04.5
1983	1976 09	22.29564	23 49 24.98	+21 09 14.2	2005	1973 12	23.96700	23 18 23.33	+09 30 08.0
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1987	1975 12	02.41707	09 59 31.43	+17 14 54.8	2005	1975 02	03.15058	09 31 09.86	+04 44 29.9
1987	1975 12	04.35459	09 59 55.94	+17 04 06.6	2005	1975 02	08.12817	09 26 02.49	+04 46 54.3
1988	1976 02	05.25552	11 17 17.05	+10 06 59.7	2005	1977 08	15.16216	20 52 21.63	-08 18 09.8
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1989	1975 11	05.22617	04 14 39.94	+28 14 50.1	2007	1976 02	03.21352	08 39 10.75	+23 34 09.5
1989	1975 12	11.20219	03 34 10.24	+28 34 24.9	2007	1976 03	05.23328	08 36 57.78	+23 40 16.2
1989	1975 12	30.20524	03 21 26.14	+27 59 19.0	2009	1976 03	30.25239	13 23 10.55	-04 09 32.8
1989	1976 01	05.18613	03 20 14.06	+27 50 35.7	2009	1976 05	29.14805	12 51 42.13	-01 36 10.1
1989	1976 01	31.09716	03 30 18.41	+27 47 34.8	2009	1976 06	04.08545	12 51 50.69	-01 44 43.4
1989	1977 04	18.28692	14 38 33.19	-18 16 00.1	2009	1976 06	28.11828	12 59 08.35	-03 00 10.3
1990	1976 06	23.26208	21 02 12.60	-11 38 13.1	2010	1974 09	16.12400	22 06 43.33	-13 45 21.5
1990	1976 06	24.27622	21 01 54.78	-11 38 05.9	2010	1975 11	05.32981	07 02 02.45	+25 46 10.0
1990	1976 06	19.27678	20 45 12.63	-12 27 32.9	2010	1975 11	05.35966	07 02 02.80	+25 46 11.7
1990	1976 07	23.18070	08 15 46.38	+25 10 06.2	2010	1975 12	07.28440	07 02 26.05	+25 48 00.1
1991	1976 01	02.26156	08 15 46.38	+25 10 06.2	2010	1975 12	04.24010	06 56 13.39	+26 26 49.6
1991	1976 01	31.23383	07 42 03.12	+25 54 48.2	2010	1975 12	29.25078	06 34 57.27	+27 01 16.9
1992	1975 12	02.31628	07 10 49.21	+08 03 24.5	2010	1977 01	18.36639	12 12 32.06	-00 11 23.5
1992	1976 01	02.15347	06 49 03.99	+07 47 37.6	2010	1977 02	18.39359	12 04 50.46	+00 32 04.3
1992	1977 02	17.37292	12 23 52.50	-04 35 51.2	2011	1976 02	03.26828	11 54 08.73	-00 16 08.2
1992	1977 03	27.26667	12 01 54.41	-00 16 04.6	2011	1976 02	03.30173	11 54 07.91	-00 16 07.9
1993	1975 11	05.39443	06 37 16.81	+09 20 47.2	2011	1976 02	23.31486	11 41 59.75	+00 15 04.2
1993	1975 12	03.28687	06 26 43.98	+08 20 52.0	2011	1976 02	27.23571	11 38 38.75	+00 27 14.8
1993	1975 12	04.21570	06 26 07.20	+08 20 01.6	2011	1976 02	29.37594	11 36 42.70	+00 34 33.1
1993	1977 02	22.32342	11 03 36.53	+06 54 37.2	2011	1975 12	02.19494	04 31 05.46	+24 09 13.4
1993	1977 04	13.21875	10 34 58.30	+12 02 35.7	2012	1975 12	08.19135	04 24 14.29	+23 46 47.2
1994	1975 12	08.25687	08 00 55.31	+11 08 41.5	2012	1975 12	12.01935	04 03 13.36	+22 17 14.8
1994	1975 12	29.32674	07 46 23.55	+10 27 48.4	2012	1976 01	02.05620	04 01 47.93	+22 08 27.3
1994	1976 01	02.19785	07 42 55.35	+10 25 09.0	2012	1976 01	05.24531	04 01 47.93	+22 08 27.3
1994	1977 02	22.38021	12 02 50.02	-14 35 38.3	2012	1977 02	16.34439	11 15 11.08	+00 25 00.8
1995	1977 01	18.33430	11 31 49.15	+20 06 01.3	2012	1977 03	20.16400	10 45 33.83	+03 11 04.0
1995	1977 02	16.36849	11 19 18.98	+23 00 53.8	2013	1975 12	11.38502	08 37 34.02	+21 08 40.1
1995	1977 04	13.17105	10 34 46.04	+23 07 57.3	2013	1975 12	29.28636	08 26 47.94	+22 44 57.0
1996	1976 03	29.23511	13 35 56.51	-18 58 42.0	2013	1976 01	10.24898	08 15 03.26	+23 59 24.9
1996	1976 05	01.10565	13 02 27.30	-18 18 55.7	2014	1973 06	03.20499	15 57 25.29	+10 44 59.8
1996	1976 02	28.33918	14 13 02.73	-18 01 11.1	2014	1973 06	04.24724	15 56 43.16	+10 59 49.4
1998	1976 03	08.34931	14 13 26.72	-18 50 25.8	2014	1973 07	02.20080	15 47 30.64	+13 52 42.6
1998	1976 03	29.33068	14 04 23.99	-20 01 27.8	2014	1973 12	13.95307	20 53 34.47	-04 30 16.3
1999	1976 08	25.31761	01 52 38.82	-00 04 59.4	2014	1974 10	12.34355	05 17 28.77	+06 15 41.7

2014	1974	10	14.28564	05	17	20.57	+05	56	45.9	2030	1976	10	23.34363	04	18	38.57	+17	47	55.0
2014	1974	11	19.25025	04	57	31.59	+00	14	07.2	2030	1976	11	20.17131	03	53	33.16	+16	08	39.6
2014	1974	12	13.12321	04	34	12.87	-02	02	49.0	2030	1976	11	22.20141	03	51	19.12	+16	00	54.7
2014	1976	02	03.24062	09	18	02.16	-14	04	21.5	2030	1976	11	24.21764	03	49	06.35	+15	53	21.2
2014	1976	02	26.10248	08	57	14.48	-11	22	35.6	2031	1976	12	22.22618	06	58	30.99	+14	19	19.3
2014	1976	03	08.11592	08	49	23.00	-09	27	52.7	2031	1976	12	28.29157	06	51	46.47	+14	32	00.1
2014	1977	07	20.28846	22	19	00.99	+27	25	08.5	2031	1977	01	13.21790	06	34	18.91	+15	21	48.0
2014	1977	08	16.23009	22	10	05.29	+26	08	55.8	2031	1977	01	18.23297	06	29	39.33	+15	40	45.2
2014	1977	08	19.15571	22	08	20.84	+25	34	36.7	2032	1976	09	23.27035	01	51	50.53	+11	02	33.2
2015	1976	11	21.05465	01	38	32.28	+27	27	17.2	2032	1976	09	25.21137	01	50	44.00	+10	57	18.4
2015	1976	11	22.17493	01	37	41.46	+27	21	08.5	2032	1976	11	20.13883	01	12	51.38	+07	47	21.9
2015	1976	11	30.27282	01	32	49.31	+26	37	21.9	2032	1977	12	10.34265	07	30	41.97	+23	47	16.3
2017	1977	05	17.27868	17	18	35.10	-13	53	10.5	2032	1978	01	17.05731	06	59	35.36	+24	50	08.6
2017	1977	06	09.23997	16	59	30.66	-12	23	30.6	2032	1975	01	08.35541	12	38	55.59	+36	22	46.5
2017	1977	06	16.18762	16	52	49.76	-12	23	30.6	2035	1975	01	08.37098	12	38	56.87	+36	22	59.7
2018	1976	07	19.42595	22	15	18.12	-06	25	43.6	2035	1975	02	09.28679	13	07	08.94	+44	57	33.5
2018	1976	08	03.28911	22	10	57.29	-08	50	45.6	2035	1975	02	11.33978	13	07	30.63	+45	34	11.2
2018	1976	08	24.15843	21	56	14.82	-08	50	45.6	2035	1975	03	05.22431	12	56	53.06	+51	20	16.6
2019	1976	12	22.18160	06	17	57.83	+21	04	59.4	2035	1975	03	05.23403	12	56	52.37	+51	20	24.2
2019	1976	12	28.25411	06	10	49.90	+20	59	18.6	2035	1976	10	22.35008	05	27	56.43	+08	48	23.5
2019	1977	01	13.15591	05	53	43.07	+20	44	25.3	2035	1976	10	29.37354	05	24	15.74	+09	39	40.4
2019	1977	01	18.21110	05	49	18.30	+20	44	12.0	2035	1976	11	17.35147	05	03	37.59	+12	43	09.9
2020	1976	10	22.38796	05	50	35.37	+09	25	47.6	2035	1973	12	24.03715	02	08	15.53	+18	06	42.5
2020	1976	11	22.27124	05	41	39.37	+07	50	48.8	2037	1975	01	08.42262	12	00	46.82	+02	53	33.0
2020	1976	11	24.24007	05	40	21.56	+07	47	03.6	2037	1975	02	08.28986	11	59	59.23	+02	51	04.0
2020	1976	12	22.15881	05	17	36.93	+07	44	34.6	2037	1975	02	08.42950	12	03	17.17	+02	36	24.6
2021	1976	12	27.35248	09	42	00.96	+10	21	53.5	2037	1975	02	08.28986	11	59	59.23	+02	51	04.0
2021	1977	01	16.21282	09	31	02.65	+11	28	40.7	2037	1975	02	09.24155	11	59	33.02	+02	53	21.3
2021	1977	01	18.28335	09	29	22.84	+11	38	45.2	2038	1975	01	15.39203	13	39	05.83	+07	23	19.8
2021	1977	02	19.19827	08	58	54.76	+14	45	38.1	2038	1975	02	08.34671	13	59	28.93	+07	37	25.6
2022	1976	10	27.14690	02	21	57.71	+19	58	16.4	2038	1975	02	09.31115	14	00	02.54	+07	39	46.3
2022	1976	10	29.19145	02	19	58.44	+19	54	06.3	2038	1976	08	31.26826	00	29	33.72	-23	15	04.2
2022	1976	11	19.13249	02	01	14.42	+18	56	29.7	2038	1976	11	20.07952	23	40	25.51	-20	20	04.0
2023	1977	11	19.12528	05	46	15.57	+55	49	52.6	2038	1977	12	10.31827	07	06	36.77	+31	04	55.6
2023	1977	12	16.22391	05	05	03.58	+57	22	02.6	2038	1978	01	17.03088	06	24	06.25	+34	55	47.0
2023	1978	02	01.18738	04	32	43.51	+51	34	00.6	2038	1978	03	13.10169	06	12	52.89	+35	08	49.7
2024	1976	05	01.21973	16	19	30.21	-18	44	48.2	2039	1974	02	14.20970	08	30	05.55	+21	20	59.0
2024	1976	05	25.25080	15	55	29.76	-18	48	39.0	2039	1974	02	16.14141	08	28	44.03	+21	26	32.7
2024	1976	06	03.20225	15	45	41.99	-18	48	46.1	2039	1974	02	16.21738	08	28	40.74	+21	26	44.8
2024	1976	06	23.11379	15	28	35.99	-18	58	33.7	2039	1974	02	18.19114	08	27	21.58	+21	32	02.8
2024	1977	10	11.31091	04	36	08.63	+17	48	13.7	2039	1974	02	18.26181	08	27	18.70	+21	32	12.1
2024	1977	11	15.31034	04	14	52.91	+18	56	53.0	2039	1974	02	28.07328	08	21	59.49	+21	52	29.1
2024	1977	12	11.15890	04	09	15.80	+19	04	26.4	2039	1974	03	13.12521	08	18	39.27	+22	03	35.3
2024	1977	12	20.23469	03	46	07.06	+19	34	17.6	2039	1974	03	14.11471	08	18	35.40	+22	03	43.1
2027	1976	02	23.22764	07	41	50.39	+35	48	44.4	2039	1974	04	17.10474	08	31	29.42	+21	12	32.8
2027	1976	03	07.09853	07	38	44.80	+35	17	06.1	2039	1974	04	17.10474	08	31	29.42	+21	12	32.8
2027	1977	03	20.32539	13	33	05.93	+01	13	36.2	2039	1974	05	15.10130	08	39	56.73	+20	39	05.8
2027	1977	04	20.27937	13	09	05.72	+02	40	57.5	2039	1974	05	15.10130	08	39	56.73	+20	39	05.8
2028	1976	11	21.32036	06	28	09.58	+19	06	27.9	2039	1975	05	11.22133	15	15	03.88	+19	19	00.8
2028	1976	12	16.17920	06	05	42.14	+17	46	06.6	2039	1975	05	18.20609	15	09	28.65	+15	17	15.7
2028	1977	01	13.12557	05	36	38.12	+16	42	21.5	2039	1975	05	29.14980	15	01	24.96	+14	34	26.3
2028	1978	04	14.27365	14	47	54.27	-23	00	56.6	2039	1975	06	11.17942	14	53	56.65	+14	14	58.6
2028	1978	05	08.23608	14	27	22.56	-19	46	54.4	2039	1976	07	23.21674	19	58	18.73	+22	02	37.1
2029	1976	07	25.29381	21	11	57.48	-10	14	11.3	2039	1976	07	28.20237	19	54	23.69	+22	15	23.4
2029	1976	08	02.25738	21	04	32.71	-10	14	53.6	2039	1976	08	02.18890	19	50	35.57	+22	27	15.3
2029	1976	08	24.13459	20	44	18.63	-10	41	56.4	2039	1976	08	03.16924	19	49	52.40	+22	29	26.0
2029	1976	08	26.12182	20	42	50.43	-10	45	08.3	2039	1977	08	18.27283	00	03	21.84	+03	09	58.8
2029	1977	12	17.28505	08	24	12.75	+17	32	03.2	2039	1977	09	12.27034	23	48	50.61	+04	58	08.4
2029	1978	01	11.26513	08	02	04.42	+17	38	11.9	2039	1977	10	16.17337	23	26	43.55	+07	13	46.3
2029	1978	02	05.13061	07	35	43.94	+18	02	14.5	2041	1977	10	22.23849	01	20	36.61	+03	38	14.3
2030	1975	06	10.22507	19	05	17.42	-17	56	23.3	2041	1977	11	17.16113	01	05	17.28	+02	20	30.4
2030	1975	07	02.21035	18	45	13.53	-18	21	20.5	2042	1976	02	27.26334	11	57	45.05	+04	13	22.4
2030	1975	07	02.23949	18	45	11.65	-18	21	23.7	2042	1976	03	27.18553	11	32	57.37	+06	03	25.0

2042	1976 04	02.15973	11 28	18.48	+06 19	52.3	1976 11	20.19497	04 42	24.21	+26 29	21.3
2044	1976 12	22.42731	13 30	09.40	+17 15	28.0	1976 12	27.11646	04 10	39.44	+24 35	20.7
2044	1976 12	27.42948	13 39	25.11	+16 44	08.2	1978 03	18.21966	11 48	18.67	-04 31	31.8
2044	1977 01	16.37773	14 10	29.46	+15 17	41.6	1978 05	03.21102	11 24	07.03	-01 32	51.3
2044	1977 02	16.41567	14 35	22.74	+15 07	36.0	1976 12	19.23142	05 33	41.93	+55 02	36.0
2045	1976 12	19.40303	10 11	26.30	+20 24	30.1	1977 01	19.97887	04 48	57.80	+51 11	54.4
2045	1977 01	13.33969	10 09	16.07	+21 24	08.7	1979 10	23.22771	02 28	18.87	+43 56	39.1
2045	1977 02	16.29146	09 38	10.82	+23 34	34.0	1980 02	14.01705	02 03	28.81	+34 55	27.4
2046	1977 04	20.24122	13 26	27.63	-05 56	49.9	1978 05	04.31684	19 57	12.33	-16 59	49.5
2046	1977 05	18.15056	13 09	22.12	-04 33	37.9	1978 06	06.29633	20 12	18.12	-14 34	30.3
2047	1975 05	04.14388	09 55	46.60	+37 05	28.6	1978 06	10.29719	20 11	56.23	-14 22	21.0
2047	1976 08	31.29627	02 05	34.12	-18 10	59.0	1977 07	10.30189	22 13	48.94	-12 51	05.7
2047	1976 09	22.33362	01 43	21.35	-17 46	56.5	1977 08	15.23045	21 54	31.88	-14 37	12.4
2047	1976 09	23.34146	01 41	48.23	-17 43	18.9	1977 08	19.12575	21 51	22.70	-14 52	27.3
2047	1978 03	13.38653	15 58	26.15	-17 07	57.3	1977 09	09.11877	21 35	17.66	-16 02	03.6
2047	1978 04	10.35161	15 56	57.34	-24 50	48.1	1978 03	13.35756	15 18	07.03	-15 16	11.4
2048	1975 04	01.14885	09 19	47.12	+18 21	27.9	1978 05	04.25168	14 58	23.28	-13 44	12.0
2048	1975 04	02.16381	09 19	59.79	+18 34	06.6	1976 07	23.29436	00 38	14.56	+19 10	04.5
2048	1975 05	04.08803	09 43	33.89	+22 10	43.1	1977 01	21.16187	05 59	32.76	-00 26	19.2
2048	1976 08	25.29163	01 16	24.40	-06 04	39.8	1976 11	17.09557	01 44	24.25	+10 42	02.6
2048	1976 08	26.29958	01 16	31.99	-06 25	30.5	1976 12	16.07041	01 40	57.57	+10 20	30.3
2048	1976 09	23.29672	01 06	34.98	-17 10	27.9	1977 11	12.15003	02 01	08.10	+11 43	29.5
2048	1978 03	08.38942	14 05	07.20	+10 40	19.7	1977 11	15.17016	02 00	37.38	+11 40	31.8
2048	1978 05	04.14284	13 32	27.48	+28 10	54.0	1977 12	09.09138	01 57	11.63	+11 20	24.9
2048	1978 05	08.26310	13 29	50.57	+28 25	33.8	1981 08	29.32840	03 22	39.14	+16 00	36.1
2049	1973 11	04.21474	01 25	30.13	-02 16	09.6	1981 09	05.30634	03 22	32.36	+15 58	28.2
2049	1975 04	18.12567	14 00	09.49	-04 06	51.5	1981 11	25.18102	03 10	23.34	+14 57	25.9
2049	1975 04	20.18653	13 58	11.68	-03 20	51.7	1983 01	14.03881	03 23	17.46	+15 13	46.4
2049	1975 05	01.18650	13 47	52.38	+00 33	32.6	1983 10	07.40020	04 02	47.83	+16 56	50.9
2049	1975 05	12.25008	13 39	05.47	+03 52	38.3	1984 11	25.26206	04 17	54.98	+16 51	01.8
2049	1976 11	22.33406	06 07	24.74	-13 22	16.1	1985 12	16.30641	04 39	39.90	+17 01	25.9
2049	1976 12	16.20804	05 43	13.04	-18 12	42.3	1986 01	13.15957	04 34	02.08	+16 52	16.0
2049	1977 01	21.10353	05 12	34.86	-16 08	15.2	1977 06	16.21652	18 04	40.13	-15 32	07.4
2049	1978 04	30.31650	18 03	28.42	+06 32	00.4	1977 06	23.28484	17 55	12.76	-14 52	36.6
2049	1978 06	10.20611	17 44	24.68	+19 46	20.0	1977 07	11.13602	17 27	28.53	-13 22	52.2
2049	1978 06	10.23934	17 43	21.79	+19 58	41.1	1977 08	21.11023	17 02	24.93	-13 07	18.9
2050	1974 05	29.09256	15 02	41.66	+00 13	15.1	1977 10	16.01066	19 26	57.25	-17 11	25.7
2050	1974 05	29.17300	15 02	35.26	+00 11	16.6	1977 12	12.10034	01 02	09.25	+00 38	13.7
2050	1974 06	15.14550	14 48	57.92	-04 56	12.6	1978 01	12.11987	02 48	11.96	+10 12	41.2
2050	1974 06	14.51788	14 44	51.78	-07 08	41.1	1976 01	10.08685	06 39	05.95	+21 26	47.5
2050	1974 07	14.11907	14 43	09.57	-18 45	17.2	1976 01	10.15833	06 38	38.03	+21 36	54.3
2050	1974 07	21.07487	14 47	48.23	-21 10	17.8	1976 01	11.16164	06 32	18.82	+23 58	22.0
2050	1975 11	03.25603	02 58	39.85	-06 55	45.6	1976 01	11.25240	06 31	41.57	+24 11	08.2
2050	1975 11	06.13525	02 55	12.92	-06 50	40.6	1976 01	13.13237	06 19	09.16	+28 36	34.8
2050	1975 11	06.16437	02 55	10.70	-06 50	47.4	1976 01	13.15491	06 18	59.10	+28 39	45.1
2050	1976 01	05.10931	02 13	23.49	+00 20	39.6	1976 01	13.15763	06 18	57.99	+28 40	06.5
2050	1976 01	07.35882	08 33	32.83	+33 33	04.8	1976 02	23.98194	01 42	29.48	+65 38	16.0
2050	1976 11	17.40041	08 53	05.78	+36 31	20.6	1976 03	08.01771	00 55	38.87	+66 43	29.0
2050	1976 11	24.38659	08 57	33.27	+37 48	44.3	1976 10	27.38936	08 28	05.48	-03 08	24.7
2051	1976 10	23.31591	02 01	52.84	+12 33	20.5	1976 11	21.39282	09 32	27.95	-02 37	18.4
2051	1976 10	27.22676	01 58	36.61	+12 13	27.9	1976 12	22.37484	11 15	32.73	+04 18	54.4
2051	1976 10	27.33131	01 58	31.21	+12 12	56.4	1976 12	27.40731	11 38	09.78	+06 46	55.5
2051	1976 10	29.10522	01 57	03.07	+12 03	56.2	1977 03	22.39044	20 25	08.10	+24 20	57.3
2051	1976 11	17.09557	01 43	16.40	+10 36	42.0	1977 04	19.34881	22 13	32.14	+12 44	52.4
2051	1976 12	16.09799	01 36	53.66	+09 47	00.0	1977 11	18.35936	10 21	49.49	+03 39	35.8
2051	1977 01	14.00191	01 50	54.71	+10 57	35.0	1977 12	16.42742	12 13	40.99	+04 27	13.3
2051	1977 02	17.08139	02 26	38.31	+13 58	01.9	1978 02	10.42427	17 16	31.99	+06 45	23.1
2051	1977 03	17.02974	03 05	58.26	+16 51	15.0	1977 05	16.15280	13 02	21.46	-16 44	29.8
2052	1977 02	18.23341	08 06	20.03	+06 16	31.5	1977 05	17.19762	13 01	23.89	-16 50	43.1
2052	1977 02	18.20735	08 26	45.88	+07 31	11.7	1977 05	18.10773	13 00	40.06	-16 56	02.1
2054	1976 10	27.25783	04 57	20.48	+26 52	59.5	1978 04	10.05223	04 55	27.91	+32 30	56.7
2054	1976 10	29.29211	04 56	37.46	+26 52	43.9	1977 11	17.12332	00 47	40.35	+16 11	12.2
2054	1976 11	17.30724	04 44	50.85	+26 34	47.1	1977 11	18.21387	00 47	31.44	+16 08	12.7

2066	1978	07	08.10286	12	21	22.00	+01	52	29.2	2079	1978	07	31.32199	01	05	04.05	+08	30	37.4
2067	1978	07	01.23281	18	54	26.61	-19	54	39.5	2079	1978	08	14.27538	01	06	20.81	+09	43	36.2
2068	1979	12	18.14596	05	48	40.22	+19	56	24.0	2080	1977	07	14.23589	20	34	02.12	-25	50	12.6
2068	1985	02	18.23962	08	48	23.78	+30	46	21.8	2080	1977	08	16.17013	19	58	47.35	-27	14	14.3
2068	1985	02	19.36563	08	47	30.32	+30	51	01.0	2081	1977	09	08.15800	21	28	44.65	-22	17	11.5
2071	1977	04	22.11594	11	08	57.27	+00	01	14.1	2081	1977	11	12.96707	21	55	23.45	-17	20	40.2
2072	1977	09	15.31792	01	58	25.10	+10	17	20.8	2082	1978	02	10.22830	09	29	37.71	+18	33	28.9
2072	1977	10	07.25809	01	45	20.27	+10	05	10.5	2082	1978	02	13.23044	09	26	58.98	+18	47	47.2
2072	1977	10	08.21980	01	44	29.39	+10	03	29.0	2082	1978	03	13.13206	09	06	31.98	+20	21	37.8
2073	1976	07	25.32186	22	46	56.18	-11	50	15.3	2084	1977	07	19.16215	18	00	27.94	-17	34	46.8
2073	1976	08	24.23738	22	27	23.11	-14	17	41.3	2086	1981	03	11.12774	08	52	25.45	+19	40	18.0
2073	1976	08	31.17557	22	21	30.09	-14	53	39.4	2089	1978	02	11.02698	02	38	59.00	+05	35	21.1
2073	1977	11	19.31275	06	48	38.72	+22	56	51.0	2090	1978	05	07.13260	10	34	54.12	+05	06	09.4
2073	1977	12	11.20624	06	36	53.23	+23	39	57.2	2090	1978	05	08.15970	10	34	58.69	+05	04	29.5
2073	1978	01	11.21966	06	07	03.55	+24	38	55.6	2091	1976	01	02.08461	05	27	07.26	+15	36	42.8
2074	1974	10	18.21662	00	22	16.73	+14	35	37.5	2091	1976	01	31.12612	05	12	29.90	+17	40	09.3
2074	1974	10	19.28361	00	21	42.29	+13	50	27.4	2091	1976	02	05.17866	05	12	07.30	+18	03	22.6
2074	1974	10	21.21211	00	20	45.95	+12	29	10.2	2091	1976	03	07.01149	05	23	45.40	+20	21	52.5
2074	1974	10	22.06920	00	20	23.73	+11	53	17.4	2092	1977	06	24.14720	16	06	34.94	-21	01	25.7
2074	1974	10	23.11013	00	19	57.68	+11	09	55.8	2095	1977	08	18.29833	23	10	09.02	-04	41	12.2
2074	1974	11	14.15534	00	20	08.71	-01	41	25.4	2095	1977	09	08.22053	22	52	42.85	-05	56	45.4
2074	1974	12	12.01544	00	44	06.80	-09	19	27.2	2095	1977	09	09.21346	22	51	50.39	-06	00	39.4
2074	1974	12	12.01565	00	44	07.27	-09	19	32.5	2095	1977	09	11.19988	22	50	06.63	-06	08	25.6
2074	1975	02	04.06181	02	13	47.72	-08	22	55.4	2095	1977	09	12.16281	22	49	16.77	-06	12	09.8
2074	1976	05	28.29549	17	40	45.74	+20	43	28.8	2095	1984	03	27.15917	10	59	47.91	+04	19	55.4
2074	1976	06	24.18136	17	09	25.44	+26	18	43.8	2096	1976	03	08.29412	12	47	48.53	-06	29	38.9
2074	1976	07	23.13510	16	48	57.31	+24	36	46.2	2096	1976	03	09.20385	12	47	10.33	-06	26	00.0
2074	1978	04	13.10862	11	26	21.37	-15	45	08.2	2096	1976	05	01.08500	12	04	56.83	-01	58	49.0
2074	1979	10	26.29259	04	51	07.83	-03	03	58.4	2096	1977	08	18.24576	22	01	50.68	-11	13	52.2
2075	1976	03	08.38669	16	55	35.18	+05	49	46.9	2096	1977	10	16.03614	21	47	24.06	-12	05	24.6
2075	1976	04	30.28146	16	54	39.97	+10	33	22.1	2097	1977	12	18.36349	10	06	34.17	+11	57	44.6
2075	1976	05	25.28290	16	30	52.06	+10	38	19.7	2097	1978	03	13.15667	09	17	49.38	+15	03	31.2
2075	1978	12	01.33878	08	22	01.05	+07	51	58.1	2097	1978	03	16.15370	09	16	20.14	+15	08	35.5
2075	1979	02	23.13267	07	41	19.24	+39	57	32.2	2098	1977	12	18.33074	10	00	21.60	+16	41	19.6
2076	1974	11	16.30017	03	09	27.88	+28	13	25.9	2098	1978	02	02.22005	09	34	09.46	+18	10	46.0
2076	1974	11	17.10325	03	08	36.15	+28	10	09.8	2098	1978	02	12.26495	09	23	29.54	+18	39	35.8
2076	1974	11	18.13084	03	07	29.73	+28	05	50.4	2099	1977	11	12.09635	01	15	30.96	+07	19	32.9
2076	1974	11	19.07542	03	06	29.44	+28	01	42.0	2099	1977	12	09.03657	01	44	43.19	-05	30	08.3
2076	1974	12	12.99822	02	48	28.24	+25	54	39.3	2099	1978	02	10.05433	03	27	01.41	-05	23	19.8
2076	1974	12	15.11352	02	47	50.71	+25	43	57.6	2100	1981	07	28.20669	00	04	53.95	+53	58	38.7
2076	1974	12	18.96922	02	47	11.78	+25	25	41.0	2100	1981	09	05.13128	20	40	12.51	+03	16	15.4
2076	1975	01	08.10161	02	53	20.00	+24	25	04.9	2100	1984	07	26.23531	14	27	40.5	+72	33	41.7
2076	1975	02	02.12508	03	19	21.70	+24	25	01.0	2100	1984	07	29.19975	15	25	04.0	+68	50	07.7
2076	1975	02	04.08822	03	22	03.78	+24	27	44.0	2100	1984	08	24.04597	18	04	07.47	+16	20	25.1
2076	1975	03	06.11506	04	11	43.57	+25	26	39.1	2100	1984	08	29.04833	18	16	02.32	+08	21	17.6
2076	1976	03	27.25270	13	38	25.95	-16	52	32.6	2100	1984	09	25.05644	19	10	54.13	-15	29	50.6
2076	1976	05	01.13066	13	04	23.39	-14	15	03.4	2100	1987	08	22.05627	15	57	42.05	+12	49	11.6
2076	1977	08	15.21227	21	36	59.34	-15	26	22.7	2101	1977	03	17.13911	09	44	53.63	+14	02	01.4
2076	1977	08	20.24626	21	31	31.88	-15	36	50.8	2101	1977	03	18.20576	09	44	10.99	+14	03	41.9
2076	1977	09	08.12975	21	13	41.52	-15	58	30.3	2101	1977	03	20.13436	09	43	07.84	+14	05	48.9
2077	1976	02	27.38118	15	24	04.95	+06	12	35.8	2101	1977	03	22.16668	09	42	16.65	+14	06	59.9
2077	1976	04	02.26202	15	13	00.10	+08	17	54.7	2102	1976	01	02.94583	21	30	32.46	+60	45	48.3
2077	1976	04	05.25726	15	10	34.30	+08	27	27.2	2102	1976	01	02.98623	21	30	17.97	+60	40	46.6
2077	1976	05	01.18615	14	43	22.62	+08	57	24.8	2102	1976	01	04.97309	21	22	02.76	+57	25	10.4
2077	1976	06	23.15241	14	01	55.88	+03	41	40.9	2102	1976	01	05.05932	21	21	46.49	+57	18	04.8
2077	1979	03	28.37192	11	57	14.17	+47	38	39.5	2102	1976	01	09.02257	21	17	03.75	+55	05	57.7
2077	1979	05	02.24832	11	29	40.17	+41	12	54.5	2102	1976	01	09.02257	21	13	59.81	+53	31	41.2
2079	1976	02	23.34118	11	02	44.40	+12	14	15.7	2102	1976	01	09.99094	21	12	49.90	+52	53	51.1
2079	1976	02	24.15863	11	01	52.40	+12	14	30.9	2102	1976	01	11.01325	21	11	46.20	+52	18	29.5
2079	1976	02	27.21508	10	58	33.48	+12	15	08.8	2102	1976	05	29.26546	20	43	44.08	+13	55	20.5
2079	1976	03	08.16204	10	47	36.09	+12	12	53.5	2102	1976	06	04.25692	20	29	02.85	+07	14	45.9
2079	1976	03	27.15853	10	29	53.17	+11	40	17.4	2102	1978	11	29.42667	11	03	39.81	+05	32	58.6
2079	1976	05	01.04339	10	22	28.97	+08	54	37.8	2102	1978	12	07.39187	12	11	33.87	+18	17	04.6

2102	1978	12	29.42542	16	31	07.46	+39	13	15.3	2130	1978	10	31.38263	06	51	27.90	+30	25	31.8
2105	1978	09	02.34108	04	16	19.99	+49	31	14.0	2130	1978	11	26.25350	06	44	18.87	+31	39	33.0
2105	1978	11	03.14542	05	05	51.27	+51	09	46.0	2130	1978	12	29.23498	06	06	35.39	+32	20	29.0
2105	1978	11	26.10170	04	38	04.05	+46	51	25.6	2131	1975	10	07.09051	21	05	29.56	+45	43	22.4
2105	1978	12	29.04882	04	00	50.54	+34	10	47.5	2131	1975	11	02.99731	21	10	06.52	+42	17	38.7
2105	1979	01	05.19440	03	58	30.37	+31	20	20.1	2131	1975	11	06.09591	21	13	18.62	+41	55	14.5
2105	1979	01	19.09485	04	00	10.72	+26	31	49.5	2131	1975	11	29.98310	21	51	18.95	+39	45	24.9
2106	1978	02	10.25650	10	47	32.15	+08	03	54.3	2131	1975	12	30.06624	23	02	42.86	+38	49	47.8
2106	1978	03	08.21941	10	27	05.42	+11	19	02.4	2131	1976	01	06.02881	23	21	42.56	+38	49	42.8
2106	1978	04	08.14903	10	11	10.52	+13	54	45.4	2131	1976	03	08.05347	02	28	00.24	+39	07	37.3
2107	1978	06	29.18418	16	05	36.16	-13	34	51.0	2131	1978	11	07.34321	08	56	19.62	+47	42	13.2
2107	1978	09	02.06281	16	20	50.30	-14	36	57.6	2131	1978	12	07.20986	08	54	09.65	+46	34	33.8
2108	1978	08	09.23586	23	10	27.71	-02	52	58.5	2131	1979	02	04.21567	06	52	18.08	+33	30	12.8
2108	1978	08	27.18866	22	54	49.09	-02	47	20.2	2133	1976	11	20.17131	03	52	41.38	+15	47	13.6
2108	1988	02	15.34297	10	57	16.87	+03	35	30.1	2133	1976	11	22.20141	03	50	24.76	+15	49	08.1
2109	1977	12	11.22752	06	51	47.74	+11	21	11.2	2133	1976	12	16.23368	03	28	08.77	+16	28	11.9
2109	1978	01	12.20416	06	21	22.49	+12	29	01.9	2133	1976	12	22.13203	03	25	03.71	+16	44	01.7
2110	1978	01	16.08104	06	18	09.20	+12	43	04.2	2133	1977	01	18.13775	03	26	03.13	+18	30	49.4
2110	1978	06	29.30398	19	21	44.70	-20	39	32.2	2133	1977	01	20.09094	03	27	01.33	+18	40	22.4
2110	1978	07	12.24721	19	09	11.14	-21	11	11.9	2133	1977	02	22.05171	03	57	15.18	+21	36	29.7
2110	1978	08	11.10571	18	47	03.44	-22	14	50.2	2133	1977	02	17.06952	04	29	39.55	+23	33	09.7
2110	1978	09	02.11189	18	51	14.95	-22	34	20.1	2133	1978	02	01.35187	12	04	25.62	+09	50	31.4
2111	1978	02	15.33806	12	07	54.07	+00	15	39.6	2133	1978	02	03.41001	12	03	49.45	+10	00	57.2
2111	1978	03	11.35363	11	54	18.13	+02	55	39.6	2133	1978	02	10.35535	12	01	01.30	+10	39	54.3
2111	1978	03	14.26190	11	52	16.75	+03	17	11.9	2133	1978	02	11.18458	12	00	36.61	+10	44	54.2
2113	1978	02	10.32237	11	11	21.69	+13	13	39.8	2133	1978	03	13.29866	11	37	00.06	+13	59	21.8
2113	1978	03	08.33154	10	47	04.75	+15	07	17.9	2133	1978	04	10.20097	11	13	44.45	+15	38	46.3
2113	1978	03	18.17457	10	37	58.10	+15	34	08.3	2134	1977	02	18.01697	07	50	03.42	+68	58	29.9
2115	1977	01	20.19341	08	13	08.90	+08	00	34.6	2134	1977	04	16.10460	08	32	23.70	+45	22	31.6
2115	1977	01	21.24762	08	12	14.23	+08	01	53.1	2135	1977	04	20.19253	13	08	06.95	+34	59	12.1
2115	1978	03	18.32459	14	28	42.27	-22	00	48.9	2135	1977	04	22.20067	13	12	44.41	+34	40	51.9
2115	1978	04	09.30279	14	18	36.86	-20	52	40.0	2135	1977	05	23.10208	13	45	47.02	+27	55	41.4
2115	1978	04	15.29436	14	14	26.25	-20	21	04.0	2135	1979	06	26.14624	13	50	25.72	+18	44	03.5
2116	1977	02	18.18010	08	11	49.10	+11	10	50.3	2136	1979	03	24.31878	14	18	40.07	-00	40	08.9
2117	1978	04	14.29547	14	59	02.77	-15	23	36.7	2136	1979	04	22.28882	14	00	47.94	+02	35	08.4
2117	1978	05	02.27373	14	44	55.25	-14	34	55.0	2136	1979	06	22.18058	13	39	12.07	+02	59	32.6
2117	1978	06	11.12424	14	17	46.59	-13	06	40.1	2136	1989	03	11.23279	10	42	44.00	+12	06	28.5
2117	1978	07	02.13140	14	16	00.02	-13	19	14.8	2138	1978	11	01.07001	22	34	03.96	-16	39	31.7
2117	1978	07	09.3355	14	17	08.04	-13	29	12.5	2140	1979	03	28.33959	14	22	05.39	-23	20	49.1
2119	1978	11	27.15345	05	27	28.85	+24	33	49.2	2140	1979	05	01.26491	13	57	19.46	-21	18	28.8
2119	1978	11	29.30698	05	25	07.77	+24	29	14.5	2140	1979	06	01.10262	13	39	11.47	-18	30	57.8
2119	1978	12	03.17294	05	20	45.21	+24	20	17.4	2142	1978	05	02.30433	15	55	44.04	-19	23	43.3
2120	1978	10	28.20610	01	14	16.00	+15	48	21.5	2142	1978	05	12.27978	15	48	16.43	-18	59	35.4
2120	1978	11	02.21343	01	11	08.73	+14	59	23.9	2142	1978	06	10.17992	15	26	34.01	-17	47	03.7
2120	1978	11	20.17507	01	03	21.50	+12	19	08.9	2142	1978	07	02.15541	15	18	16.87	-17	20	57.6
2120	1978	12	19.97843	01	05	02.99	+09	39	12.4	2143	1978	01	31.28318	08	51	07.49	+31	12	41.8
2120	1978	12	28.99255	01	09	01.97	+09	20	14.2	2143	1978	03	11.21223	08	17	37.51	+30	15	42.4
2122	1977	05	16.29381	16	03	54.97	-10	43	14.2	2143	1978	04	13.08500	08	25	37.21	+27	12	07.0
2122	1977	06	09.15656	15	40	55.42	-10	47	40.1	2143	1979	05	01.29154	14	07	17.75	-17	48	28.1
2122	1977	06	24.18065	15	30	55.53	-11	24	44.0	2143	1979	05	02.18898	14	06	18.70	-17	45	47.3
2124	1978	02	10.38266	12	23	36.00	+10	43	36.1	2145	1979	06	02.29573	20	02	02.46	-12	58	22.0
2124	1978	03	07.32467	12	09	44.79	+12	31	41.6	2145	1979	06	24.27731	19	51	25.87	-11	42	06.6
2124	1978	05	08.18404	11	31	09.76	+13	09	57.7	2146	1977	02	17.21925	08	10	44.34	+15	46	57.2
2126	1978	11	07.37242	08	25	45.55	+27	43	50.6	2146	1977	03	20.03821	08	01	44.53	+18	29	10.1
2126	1978	12	03.37323	08	38	17.76	+27	24	12.1	2146	1977	04	19.08490	08	05	10.51	+20	11	37.8
2126	1979	01	23.30359	07	57	44.44	+27	57	30.8	2146	1978	02	03.33703	10	46	43.18	+26	50	07.8
2128	1978	11	07.25875	06	21	39.82	+46	09	32.3	2146	1978	03	14.11861	10	26	59.14	+30	51	22.7
2128	1978	12	02.17016	05	57	17.75	+48	33	05.0	2146	1978	04	09.22836	10	17	01.45	+32	01	16.3
2128	1978	12	29.11752	05	18	18.31	+48	10	38.4	2146	1979	01	05.37903	13	02	42.39	+25	48	23.1
2129	1978	02	03.37645	11	07	53.29	+15	11	56.8	2146	1979	02	23.34597	13	05	47.49	+31	40	50.7
2129	1978	03	08.26637	10	34	57.66	+18	36	45.6	2146	1979	03	23.33263	12	54	49.03	+34	47	34.3
2129	1978	04	10.16818	10	12	28.97	+19	06	33.2	2146	1979	05	01.10836	12	36	02.49	+36	17	52.5

2147	1977 01	21.21952	08 26	32.59	+13 45	30.4	2169	1979 03	22.08334	04 56	22.93	+23 16	30.2
2147	1978 03	09.38314	13 55	57.71	-00 38	35.4	2170	1978 07	03.16103	17 57	54.20	-22 19	00.7
2147	1978 04	09.33569	13 39	42.09	+02 31	20.3	2170	1978 07	06.19439	17 54	47.09	-22 16	08.3
2147	1978 05	02.21328	13 24	14.79	+04 17	46.1	2171	1979 03	27.25704	11 42	54.94	+15 35	32.4
2147	1978 05	04.16467	13 23	04.85	+04 23	38.0	2172	1978 10	31.20086	23 48	37.30	-06 20	27.9
2147	1979 06	22.24670	18 00	57.88	-11 45	19.4	2172	1978 11	01.10001	23 48	21.65	-06 20	29.8
2148	1977 02	18.18010	08 11	05.06	+11 28	28.2	2172	1978 11	07.05802	23 47	07.75	-06 17	06.1
2148	1977 03	20.07022	08 03	44.79	+12 46	26.1	2172	1978 11	19.04272	23 47	22.48	-05 51	40.7
2148	1978 02	04.25963	10 45	41.43	+03 52	54.4	2172	1978 12	02.01432	23 51	35.01	-04 58	57.7
2148	1978 03	07.28654	10 31	34.46	+05 43	26.3	2173	1979 06	21.27747	19 58	44.65	-01 04	39.4
2148	1978 04	10.13385	10 19	28.17	+07 36	33.8	2173	1979 07	20.25378	19 39	57.83	-01 58	44.5
2148	1979 03	23.24333	12 41	11.66	-01 44	06.0	2173	1979 08	17.20378	19 22	35.17	-04 57	20.5
2150	1978 02	10.08329	03 08	54.61	-07 22	47.2	2173	1979 09	19.08562	19 21	54.75	-09 00	04.9
2150	1979 04	22.32571	17 47	52.82	+03 29	34.0	2174	1975 11	03.10910	01 29	41.35	+19 40	42.3
2150	1979 04	25.30885	17 48	20.16	+04 31	53.4	2174	1975 11	06.11241	01 27	13.46	+19 39	10.8
2150	1979 06	15.14979	17 13	51.51	+18 31	45.8	2174	1975 11	30.12652	01 18	28.01	+19 27	07.7
2151	1978 02	02.02836	01 33	59.97	+16 08	33.3	2174	1975 12	04.15767	01 19	06.29	+19 28	57.1
2151	1979 02	05.31008	11 20	16.14	+27 15	58.3	2174	1975 12	29.01726	01 34	58.30	+20 21	43.0
2151	1979 02	28.30506	10 57	28.04	+28 41	42.9	2174	1976 12	16.41138	11 09	15.30	+11 10	01.4
2151	1979 03	23.20650	10 33	26.28	+28 00	25.6	2174	1977 01	16.34027	11 10	02.72	+11 11	39.8
2151	1979 04	18.06641	10 21	29.83	+24 47	30.7	2174	1977 02	17.26039	10 48	13.50	+13 00	10.3
2153	1978 12	01.39917	10 31	48.86	+10 38	43.0	2174	1977 02	22.29589	10 43	25.11	+13 20	22.3
2153	1978 12	03.34764	10 33	15.25	+10 31	12.4	2174	1977 04	15.11703	10 07	11.06	+14 37	28.7
2153	1978 12	07.35655	10 35	59.41	+10 16	59.7	2174	1978 04	13.27586	14 40	07.43	-23 14	52.0
2153	1978 12	28.35495	10 44	55.46	+09 34	17.8	2174	1978 05	01.18998	01 25	51.22	-22 40	59.9
2153	1978 12	29.33579	10 45	05.88	+09 33	45.6	2174	1979 08	17.31749	01 27	43.06	+11 38	36.1
2153	1979 01	23.36376	10 41	37.20	+10 06	02.2	2174	1979 09	16.27712	01 27	43.58	+11 44	42.8
2153	1979 02	23.20353	10 20	28.39	+12 13	17.2	2174	1979 09	17.27971	01 27	13.58	+11 44	42.8
2153	1979 03	22.22449	10 01	50.44	+13 46	30.5	2174	1979 10	28.08470	00 52	01.53	+13 44	12.3
2153	1979 04	25.14221	09 58	27.83	+13 44	47.9	2175	1977 12	16.11546	01 20	53.14	+07 40	48.6
2153	1979 05	02.09074	10 00	50.30	+21 30	05.7	2175	1977 12	17.06437	01 21	45.04	+07 43	49.6
2154	1979 04	24.13255	08 54	30.50	+13 28	08.5	2175	1978 02	05.02684	02 31	27.51	+12 54	33.6
2155	1978 06	11.19112	15 01	39.27	-18 26	44.9	2175	1979 03	28.23270	11 25	56.01	-00 44	49.3
2155	1978 07	07.12449	14 54	00.40	-18 02	02.2	2175	1979 04	24.24096	11 09	01.63	+01 52	44.0
2157	1979 03	29.10600	06 52	27.78	+29 56	48.2	2176	1979 06	26.23238	17 30	42.98	-23 02	53.0
2158	1979 03	24.12785	06 50	10.08	+21 19	59.4	2180	1982 10	18.08767	00 17	18.03	+11 35	06.6
2158	1979 04	24.09884	07 09	03.01	+21 06	59.3	2180	1982 10	19.10863	00 16	41.38	+11 27	10.5
2160	1979 03	27.35793	11 49	47.66	+04 17	57.1	2180	1982 10	20.15672	00 16	04.69	+11 19	05.4
2160	1979 04	22.22902	11 33	59.17	+06 01	12.0	2180	1982 10	22.12487	00 14	58.43	+11 03	59.0
2161	1979 02	04.38424	12 19	32.92	+04 59	30.7	2181	1979 08	18.34184	02 45	50.05	+17 34	27.2
2161	1979 02	05.42529	12 19	20.33	+05 04	14.3	2181	1979 09	17.30418	02 52	59.27	+20 32	33.9
2161	1979 03	27.28416	11 48	47.42	+10 11	49.3	2181	1979 10	23.28330	02 29	30.71	+22 28	57.6
2161	1979 04	25.21880	11 31	37.05	+11 48	54.0	2185	1978 11	27.06407	01 34	56.07	+03 58	48.0
2162	1978 11	29.37624	06 13	06.64	+19 07	08.9	2187	1977 01	21.18960	08 16	15.24	+14 08	33.4
2162	1979 01	20.13397	05 25	52.47	+20 35	27.9	2187	1978 03	10.40209	14 49	39.97	+00 58	34.4
2162	1979 03	29.13697	06 18	09.71	+23 02	32.4	2187	1978 04	16.31127	14 33	53.91	+05 46	37.7
2163	1978 12	01.39917	10 31	21.72	+10 31	28.1	2187	1978 05	02.24521	14 20	30.63	+07 20	31.6
2163	1978 12	03.34764	10 32	20.09	+10 27	16.5	2187	1979 07	26.25324	23 25	16.78	-08 41	46.2
2163	1979 01	23.33124	10 32	06.94	+11 13	01.6	2187	1979 08	17.25428	23 22	01.31	-12 27	28.8
2163	1979 02	28.26968	10 07	07.40	+13 55	55.8	2187	1979 09	18.16745	23 01	06.40	-18 45	48.0
2163	1979 03	28.26561	09 50	44.48	+15 24	15.6	2187	1982 09	11.19434	00 17	33.63	-10 22	16.9
2168	1977 04	20.21242	12 53	33.08	-13 29	56.1	2193	1982 09	08.13947	23 17	15.30	-07 56	09.4
2168	1978 07	31.29356	00 30	57.08	+07 14	08.3	2197	1975 11	07.16956	01 44	41.92	+11 44	33.3
2168	1978 08	27.29978	00 30	37.70	+09 05	12.8	2198	1975 11	09.15630	01 43	22.78	+11 31	26.7
2168	1978 09	03.19270	00 26	57.74	+09 10	09.8	2198	1975 11	10.10184	01 42	46.96	+11 25	22.5
2169	1978 10	31.32295	05 05	58.35	+22 33	01.0	2198	1975 12	30.16483	01 47	55.14	+10 02	18.1
2169	1978 11	01.23650	05 05	36.28	+22 32	57.3	2198	1977 02	18.30448	11 48	10.20	-03 26	01.1
2169	1978 11	26.22612	04 47	36.74	+22 19	10.8	2198	1977 02	19.26883	11 47	32.11	-03 22	07.5
2169	1978 12	30.10718	04 17	54.02	+21 37	05.9	2198	1977 03	20.22257	11 24	00.15	-00 37	46.4
2169	1979 01	04.02028	04 15	16.14	+21 33	05.9	2198	1979 08	23.28755	00 01	37.39	+05 38	12.8
2169	1979 01	04.09705	04 15	13.82	+21 33	01.1	2198	1979 09	16.16538	23 47	11.52	+03 56	30.7
2169	1979 01	05.97185	04 14	24.40	+21 31	50.5							

2198	1979	10	23.11174	23	24	07.00	-00	02	02.9	2215	1978	11	26.12284	04	47	14.59	+21	28	10.2
2198	1979	11	20.06292	23	29	39.40	-00	52	13.0	2215	1978	12	29.17685	04	16	50.03	+24	16	06.5
2199	1979	08	31.34119	04	50	56.05	+13	55	50.4	2215	1979	03	29.07308	05	29	55.69	+29	42	10.6
2199	1979	09	18.31119	05	07	20.82	+13	20	15.6	2215	1980	02	19.37337	12	54	47.00	+09	12	25.4
2199	1979	11	21.17970	04	56	05.01	+09	38	30.8	2217	1980	01	13.39770	10	50	25.22	+08	27	33.6
2199	1979	12	18.08531	04	27	16.76	+09	12	08.5	2217	1980	01	13.44042	10	50	24.61	+08	27	37.8
2200	1979	10	23.14319	01	47	21.40	+16	31	27.3	2217	1980	02	13.18838	10	35	52.89	+10	14	51.4
2200	1979	11	20.09192	01	23	01.28	+14	24	20.3	2218	1979	11	21.35692	06	33	49.84	+18	14	50.6
2200	1979	12	12.06022	01	15	48.69	+13	25	18.5	2218	1979	12	18.17965	06	14	45.92	+20	45	48.2
2200	1979	12	15.03889	01	15	50.10	+13	22	22.6	2218	1980	01	13.14588	05	50	50.23	+23	25	59.6
2201	1979	12	15.03354	02	26	48.42	+13	45	55.4	2219	1980	06	09.15101	15	06	34.19	-14	35	10.9
2201	1979	12	15.09329	02	26	26.48	+13	44	40.2	2220	1975	12	02.06595	02	04	33.08	+09	32	11.0
2201	1979	12	18.00733	02	10	22.45	+12	46	06.0	2220	1975	12	04.10076	02	03	52.13	+09	31	42.8
2201	1980	01	12.96962	23	06	41.41	-01	15	20.4	2220	1975	12	29.10323	02	04	01.02	+10	11	29.9
2201	1980	07	14.25034	21	21	48.22	-19	08	10.9	2220	1976	02	05.00681	02	30	27.96	+13	14	56.3
2201	1982	11	18.02828	01	21	57.57	+05	40	13.0	2220	1977	02	17.14297	08	39	08.75	+20	44	50.2
2201	1983	01	04.97956	00	55	23.63	+04	20	02.6	2220	1977	03	17.11164	08	26	22.52	+21	28	43.4
2201	1983	01	14.98132	01	00	30.18	+05	08	35.9	2220	1978	03	09.34549	12	49	39.20	-01	33	53.0
2202	1979	09	15.21279	23	36	01.67	-05	03	02.5	2220	1978	04	10.27326	12	28	02.25	+00	47	59.9
2202	1979	08	31.30675	03	26	50.39	+15	38	34.8	2220	1978	05	01.21725	12	15	58.77	+01	54	27.4
2202	1979	09	01.27693	03	32	07.88	+15	33	04.6	2220	1979	06	20.19076	15	51	16.42	-18	30	06.7
2202	1979	10	16.31553	04	51	43.38	+12	42	01.1	2221	1976	08	25.18468	23	53	17.91	+23	02	42.2
2202	1979	10	23.39351	07	06	20.38	+01	44	59.1	2221	1976	08	30.19453	23	50	28.71	+23	02	54.7
2202	1979	12	15.35992	07	32	20.38	-03	16	24.2	2221	1976	08	25.14752	23	30	55.64	+15	29	27.9
2202	1980	01	21.22968	06	52	34.77	+05	12	43.3	2221	1976	09	22.26110	23	33	09.29	+21	11	53.1
2203	1979	12	18.03377	02	04	37.02	+12	39	29.0	2221	1976	10	24.12331	23	17	03.94	+15	29	27.9
2203	1979	12	19.16742	02	04	39.89	+12	40	27.6	2221	1977	12	08.34297	08	01	25.76	+07	43	21.3
2203	1980	01	13.03730	02	13	41.82	+13	40	40.6	2221	1977	12	18.26957	07	55	41.13	+06	58	16.7
2203	1980	01	14.01992	02	14	20.07	+13	44	21.3	2221	1978	01	12.35494	07	33	27.25	+06	00	30.5
2204	1979	09	16.22241	23	57	54.80	-10	18	57.0	2221	1978	01	31.20211	07	15	58.90	+06	11	57.8
2204	1979	12	17.97690	00	06	40.98	-19	46	02.3	2221	1979	04	21.25043	12	37	10.22	-20	25	16.1
2205	1977	06	09.26059	17	05	32.80	-14	50	40.6	2221	1980	09	12.10090	21	31	41.64	+10	45	27.6
2205	1977	06	16.16814	16	59	48.63	-14	22	37.5	2221	1974	03	26.14074	12	37	48.53	-00	01	31.8
2205	1979	11	24.31037	06	58	13.38	+12	58	54.1	2222	1974	03	26.34281	12	37	39.46	-00	00	33.4
2205	1979	12	15.32462	06	45	11.01	+11	59	01.9	2222	1979	10	27.37848	06	12	06.07	+11	03	51.4
2205	1980	01	14.15543	06	20	00.85	+11	32	40.4	2223	1979	10	26.26829	06	05	56.43	+09	44	34.2
2206	1979	11	24.27773	06	54	34.72	+29	29	09.7	2223	1979	12	12.25321	05	55	59.26	+08	57	26.0
2206	1979	12	12.19536	06	43	08.79	+30	51	33.1	2223	1980	01	13.11928	05	39	18.69	+08	32	08.9
2207	1980	01	14.09449	06	11	42.25	+32	32	22.4	2223	1979	08	18.20789	20	50	39.42	-22	00	16.0
2207	1979	10	19.28218	04	52	16.09	+14	34	28.6	2223	1979	09	17.11476	20	35	33.19	-22	30	29.1
2207	1979	10	22.26852	04	51	35.72	+14	39	26.8	2224	1979	09	18.19046	22	15	23.97	-15	42	51.9
2207	1979	11	21.15582	04	39	26.94	+13	39	57.4	2224	1979	09	19.20472	22	14	44.80	-15	45	57.0
2207	1979	11	22.21816	04	38	53.12	+13	38	24.7	2224	1979	09	21.20940	22	13	30.05	-15	51	36.7
2207	1979	12	15.15093	04	26	22.42	+13	12	47.1	2225	1979	09	27.20645	22	10	13.71	-16	05	18.1
2207	1979	12	19.19335	04	24	18.31	+13	10	23.1	2225	1979	10	23.08101	22	05	12.40	-16	05	21.8
2210	1979	11	21.20529	04	58	00.74	+18	28	52.1	2225	1979	10	26.08418	22	05	38.33	-15	59	24.5
2210	1979	12	15.12603	04	31	40.66	+18	05	28.8	2225	1979	06	27.20141	16	19	38.67	-23	31	50.1
2210	1980	01	21.12845	04	13	20.99	+18	32	47.1	2225	1980	01	20.41816	10	33	00.26	+03	28	34.1
2210	1980	02	05.06897	04	17	51.83	+19	10	38.3	2225	1980	02	13.15979	10	16	00.99	+05	47	33.6
2212	1978	10	08.20056	23	59	01.77	-13	51	16.1	2225	1980	02	14.21892	10	15	00.23	+05	56	12.4
2212	1978	10	10.21935	23	54	10.80	-13	15	21.0	2226	1980	01	13.41707	10	52	02.67	+07	33	28.8
2212	1978	10	11.22022	23	52	03.06	-12	58	33.8	2227	1980	01	13.38442	10	34	59.76	+09	40	01.7
2212	1978	11	31.17404	23	39	08.16	-04	39	37.2	2227	1980	02	16.19948	10	17	30.33	+11	34	16.7
2212	1978	12	30.03488	00	06	12.07	+00	10	43.2	2228	1980	03	10.32082	10	37	13.04	-12	29	43.9
2212	1979	10	31.34297	03	19	22.08	+24	24	22.5	2228	1981	05	09.17860	14	37	13.04	-12	29	43.9
2212	1980	01	21.01941	02	20	39.32	+19	57	47.8	2228	1978	11	02.28145	06	52	13.33	+24	41	50.0
2212	1980	01	22.01247	02	20	42.64	+19	57	11.0	2228	1978	11	10.35507	06	50	46.91	+24	26	50.3
2213	1987	12	18.43749	12	08	10.74	+25	23	11.6	2228	1978	11	25.36400	06	43	40.62	+23	59	32.4
2213	1979	02	04.24791	08	44	40.46	+18	45	03.5	2229	1978	11	25.36400	06	43	40.62	+23	59	32.4
2213	1978	10	30.24760	05	05	38.71	+18	56	09.9	2229	1978	11	25.36400	06	43	40.62	+23	59	32.4
2215	1978	10	31.35222	05	05	21.02	+19	02	00.0	2229	1978	11	25.36400	06	43	40.62	+23	59	32.4

2229	1978 12	28.25500	06 13	36.66	+22 50	09.7	2250	1980 05	21.11411	14 23	12.01	+02 54	11.2
2229	1980 01	21.34399	10 16	30.77	-04 16	08.2	2261	1977 08	19.04891	14 51	50.10	-04 03	50.0
2229	1980 02	13.21409	09 59	12.84	-04 08	20.0	2261	1979 11	21.23287	05 29	14.07	+05 28	16.1
2232	1978 12	28.00707	01 33	12.71	+09 08	38.6	2261	1979 12	12.14189	05 06	37.69	+06 44	55.7
2232	1978 12	29.00245	01 33	41.91	+09 10	33.6	2261	1980 01	13.09057	04 34	11.97	+10 50	16.8
2232	1980 02	09.17509	07 46	20.98	+15 50	00.1	2261	1980 02	13.98326	04 28	56.97	+16 00	17.8
2232	1980 02	11.25141	07 44	47.94	+15 55	42.1	2262	1978 11	26.96207	22 39	36.72	-05 01	59.2
2232	1980 02	13.07677	07 43	30.21	+16 00	38.1	2262	1978 12	30.00144	23 31	13.73	+03 08	03.1
2232	1980 03	12.04723	07 33	11.61	+17 00	27.2	2262	1979 01	18.99270	00 07	03.44	+08 04	43.4
2234	1978 10	31.13568	01 59	25.99	+35 25	08.1	2262	1979 12	19.41381	09 43	00.87	+29 44	40.3
2234	1978 11	27.00664	01 30	24.75	+34 18	49.8	2262	1980 01	13.22597	09 27	39.73	+31 35	27.4
2234	1978 12	20.01793	01 21	20.05	+32 51	49.7	2262	1980 02	16.15697	08 50	15.20	+32 46	19.5
2234	1978 12	27.97420	01 21	52.86	+32 30	17.2	2263	1980 02	14.06663	09 39	04.24	+31 16	19.6
2234	1979 12	15.19213	08 56	52.35	+51 26	40.6	2263	1980 03	13.16475	09 17	29.06	+31 46	21.8
2234	1980 02	12.99001	07 42	55.15	+53 27	06.9	2265	1980 01	26.39323	14 26	29.99	+04 52	11.7
2237	1980 01	25.33826	11 18	14.15	+06 34	36.7	2265	1980 03	12.32914	14 53	33.74	+11 24	17.5
2237	1980 02	13.26990	11 09	03.92	+07 47	11.2	2265	1980 04	17.32941	14 35	24.01	+17 25	15.1
2239	1978 11	26.03639	00 12	03.27	+01 18	20.5	2265	1980 05	21.16067	14 08	24.81	+18 08	31.6
2239	1978 12	02.06098	00 12	42.52	+01 41	33.7	2267	1976 05	01.06155	09 22	35.00	+14 40	36.1
2239	1979 11	24.34485	07 04	10.64	+36 28	26.2	2267	1977 09	08.22053	22 52	37.12	-06 06	22.4
2239	1979 12	18.20757	06 47	22.73	+38 05	45.1	2267	1977 09	09.21346	22 51	38.07	-06 11	09.8
2239	1980 01	14.12389	06 20	34.08	+38 32	57.3	2267	1977 09	11.19988	22 49	41.91	-06 20	39.8
2239	1980 02	19.08083	06 03	23.82	+36 55	02.2	2267	1977 09	12.16281	22 48	46.54	-06 25	10.7
2240	1978 12	30.10718	04 17	24.46	+21 43	49.2	2267	1977 09	15.14484	22 45	59.66	-06 38	43.0
2240	1979 01	04.02028	04 15	04.86	+21 39	08.2	2267	1977 10	07.11949	22 31	46.17	-07 46	19.7
2240	1979 01	04.09705	04 15	02.82	+21 39	03.4	2267	1977 10	16.06201	22 30	05.83	-07 52	19.5
2240	1979 01	05.97185	04 14	20.06	+21 35	26.2	2267	1977 11	11.96621	22 39	28.91	-06 52	20.2
2240	1979 01	23.20762	04 12	24.20	+21 35	49.5	2267	1977 12	07.96363	23 03	58.10	-04 23	00.2
2240	1980 04	17.17935	11 30	09.28	+04 18	46.3	2267	1978 02	03.00762	00 24	36.68	+04 11	20.1
2241	1980 02	09.00983	04 10	04.23	+24 53	20.5	2267	1978 11	25.32696	07 54	19.46	+22 59	47.0
2241	1980 03	10.02692	04 19	12.31	+24 17	18.6	2267	1979 01	20.21878	07 06	38.17	+24 31	47.2
2242	1980 02	09.04385	06 58	57.58	+25 54	41.8	2267	1980 06	12.25437	18 43	10.01	-26 32	37.8
2242	1980 03	11.03963	07 04	37.51	+24 35	44.0	2268	1980 04	20.25632	14 35	02.92	-11 13	02.3
2243	1979 12	19.38244	09 53	27.62	+22 20	22.9	2268	1980 05	10.22934	14 19	14.97	-10 05	29.1
2243	1979 12	28.42039	09 51	49.37	+22 53	12.8	2268	1980 06	18.10921	14 00	46.34	-09 14	42.5
2243	1980 01	20.28792	09 36	45.19	+24 49	14.9	2270	1976 09	20.08941	20 40	33.67	-21 03	46.8
2243	1980 02	16.17087	09 06	49.13	+26 43	17.0	2272	1980 04	18.29494	17 05	14.48	+11 46	32.8
2244	1979 06	22.21587	16 31	29.09	-16 00	10.8	2272	1980 05	10.31472	16 55	18.18	+18 21	14.1
2245	1980 01	13.01326	00 34	32.41	-06 34	38.6	2272	1980 06	06.19400	16 27	40.58	+22 08	18.6
2245	1980 02	08.98123	01 12	38.33	-00 23	24.3	2272	1980 07	08.19718	16 04	59.38	+18 48	38.5
2247	1979 08	23.25413	22 39	20.21	-14 54	07.6	2273	1980 07	14.19315	20 13	13.02	-20 25	16.7
2247	1979 08	27.10997	22 35	34.79	-15 06	15.1	2273	1980 07	19.20840	20 08	20.21	-20 40	53.0
2247	1979 09	16.11323	22 16	28.80	-15 46	01.3	2274	1976 06	28.08766	11 33	17.21	+01 22	54.4
2247	1979 09	18.19046	22 14	47.18	-15 47	00.1	2274	1978 09	28.31733	02 50	53.99	+18 43	10.5
2247	1979 09	19.20472	22 13	59.74	-15 47	11.9	2274	1978 10	28.17214	02 27	26.48	+17 24	56.2
2247	1979 09	21.20940	22 12	29.50	-15 47	08.2	2274	1978 10	30.18247	02 25	23.13	+17 16	18.8
2247	1979 09	27.20645	22 08	39.12	-15 42	57.3	2274	1978 11	27.09383	01 59	24.10	+15 09	02.1
2252	1980 01	25.38139	11 36	51.61	+04 46	57.8	2274	1980 01	26.36042	13 59	10.12	-12 46	05.3
2252	1980 02	19.31605	11 24	02.51	+05 47	11.3	2274	1980 05	10.20674	14 14	46.64	-17 29	24.4
2252	1980 03	22.24356	11 21	42.30	+05 58	28.6	2274	1980 06	12.13321	14 03	43.81	-16 18	20.6
2252	1980 03	10.34711	11 06	30.84	+07 09	45.6	2274	1980 06	13.12597	14 03	56.06	-16 18	25.3
2255	1977 11	12.08507	01 05	52.50	+01 34	13.6	2276	1980 06	09.09367	13 18	15.66	-07 31	20.2
2255	1980 05	15.23648	12 34	21.95	+03 52	18.6	2277	1980 06	11.22497	16 23	13.80	-10 45	04.4
2257	1979 12	18.27660	08 25	23.64	+12 51	06.8	2277	1980 07	09.13090	16 06	01.79	-12 57	06.7
2257	1980 01	13.25561	08 02	57.12	+13 11	45.8	2278	1980 07	20.28119	15 09	34.05	-15 54	38.4
2257	1980 02	13.03981	07 34	15.54	+14 33	03.4	2278	1980 05	10.20983	14 51	19.96	-15 31	39.0
2259	1980 02	11.20781	06 10	14.97	+22 29	59.3	2278	1980 05	15.25916	14 46	26.51	-15 25	07.0
2259	1980 03	11.06951	06 13	10.59	+22 05	23.3	2278	1980 06	12.17036	14 28	29.35	-15 21	38.1
2260	1980 01	26.42759	14 47	04.23	-00 12	23.0	2278	1980 06	12.18346	14 28	29.03	-15 21	40.0
2260	1980 03	12.36400	14 52	24.72	+00 55	20.6	2279	1980 05	23.20663	17 11	09.13	-17 50	21.3
2260	1980 04	17.30709	14 39	58.21	+02 23	06.0	2279	1980 06	09.21124	16 55	01.85	-17 37	01.1
2260	1980 04	18.26440	14 39	30.28	+02 25	00.1	2279	1980 07	09.16644	16 34	04.76	-17 54	28.7

2280	1980 04 20.30765	16 25 20.38	-17 03 27.3	2307	1980 11 01.15042	22 43 50.64	+02 07 25.7
2280	1980 05 16.22961	16 04 19.71	-16 08 31.1	2307	1980 11 03.13014	22 43 59.78	+02 01 21.2
2280	1980 06 14.13669	15 34 17.44	-15 17 49.5	2308	1981 12 30.38128	06 49 49.69	+42 11 35.4
2281	1980 05 21.18961	16 06 49.56	-19 10 55.1	2309	1980 04 17.25049	14 05 11.94	+00 31 34.7
2281	1980 06 12.20581	15 44 43.85	-17 48 54.3	2309	1980 05 10.25331	13 49 12.97	+02 19 51.7
2281	1980 06 14.16387	15 43 09.34	-17 43 00.3	2309	1980 06 06.13740	13 38 28.14	+02 44 23.2
2285	1976 10 23.00971	22 17 43.59	-14 16 09.6	2311	1980 09 09.12833	22 01 17.14	-11 21 13.0
2285	1976 11 16.97390	22 47 05.40	-12 09 04.6	2311	1980 10 15.02785	21 50 12.76	-13 14 29.7
2285	1978 03 11.23712	09 14 08.94	+14 41 23.1	2311	1980 11 01.01094	21 52 56.01	-13 21 19.2
2285	1978 04 07.09225	09 06 53.40	+16 04 49.0	2312	1980 10 31.26265	01 57 51.58	+08 12 36.6
2285	1978 05 01.13266	09 16 11.52	+15 58 48.3	2312	1980 11 03.25829	01 55 50.99	+08 05 39.0
2285	1979 06 15.17657	16 45 31.02	-12 04 25.8	2312	1980 11 06.15595	01 53 57.32	+07 59 20.3
2285	1979 08 23.07487	16 41 33.09	-16 17 28.8	2313	1980 08 17.33464	02 23 18.66	+15 52 33.7
2287	1980 05 16.25407	17 14 41.59	-18 36 44.1	2313	1980 11 01.26073	02 08 30.86	+13 46 59.9
2287	1980 05 17.28328	17 14 00.31	-18 38 12.6	2314	1977 11 12.12332	03 01 33.32	+19 53 41.6
2287	1980 06 11.25060	16 50 13.00	-19 26 26.6	2314	1977 11 12.27609	03 01 22.17	+19 53 25.2
2287	1980 06 18.17029	16 43 01.80	-20 49 48.4	2314	1977 11 15.23463	02 57 57.47	+19 47 32.5
2287	1980 07 09.10937	16 28 06.36	-20 49 48.4	2314	1977 11 19.24098	02 53 26.67	+19 39 05.0
2289	1980 03 12.27609	11 11 31.64	+03 49 01.0	2314	1977 12 08.13704	02 36 20.40	+19 01 42.1
2289	1980 04 20.22883	10 49 59.05	+06 50 28.4	2314	1977 12 16.09024	02 32 13.84	+18 53 07.9
2289	1980 01 21.19551	05 55 54.52	+15 33 30.0	2314	1978 02 03.09043	02 51 12.57	+20 37 38.3
2298	1980 01 25.21588	05 53 29.88	+15 41 03.5	2314	1979 02 23.37769	13 37 53.48	-05 35 16.8
2298	1980 02 09.07667	05 48 49.73	+16 14 12.0	2314	1979 03 01.37937	13 37 31.35	-05 37 30.5
2298	1980 02 11.16174	05 48 42.60	+16 19 16.8	2314	1979 03 24.26216	13 24 51.21	-05 03 14.9
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2491	1777 04	12.21223	12 44	20.49	+39 25 31.5	2518	1981 05	23.11594	11 50	40.47	+00 57 09.4
2491	1777 05	16.18090	12 30	58.56	+35 16 17.1	2519	1981 11	03.27142	03 32	32.12	+17 09 20.9
2491	1777 06	16.14896	12 50	28.04	+26 33 16.7	2520	1979 03	01.25015	09 53	29.19	+18 32 40.3
2491	1980 06	06.29869	19 05	15.46	+02 04 32.6	2521	1981 08	29.22829	00 06	30.76	+12 20 43.0
2491	1980 06	09.23596	19 02	55.65	+01 45 45.5	2521	1981 09	30.27400	23 42	00.54	+10 26 40.9
2491	1980 07	07.23663	18 30	56.99	-04 06 36.2	2521	1981 10	25.06816	23 26	39.96	+08 09 03.7
2491	1980 08	13.11372	18 02	22.73	-15 28 06.3	2523	1981 10	06.22287	02 21	53.54	+26 35 44.7
2492	1981 02	01.37834	10 56	03.04	+07 43 02.0	2523	1981 11	01.22535	02 01	24.20	+24 59 22.6
2492	1981 02	28.22559	10 37	58.66	+09 31 05.2	2523	1981 11	24.22449	01 45	17.26	+22 39 04.2
2492	1981 04	07.19407	10 14	51.75	+11 35 06.0	2525	1987 11	17.36415	06 26	56.20	+23 01 48.6
2493	1978 12	01.28493	06 07	50.73	+12 16 54.8	2525	1987 11	19.33100	06 26	06.78	+23 03 56.1
2493	1978 12	02.30038	06 07	02.12	+12 13 42.5	2529	1981 08	29.20304	23 08	14.20	+00 20 18.1
2493	1978 12	06.20346	06 02	50.62	+11 59 18.7	2529	1981 09	21.18681	22 50	17.55	-02 19 50.9
2493	1978 12	07.26501	06 02	50.62	+11 59 18.7	2530	1981 02	10.23436	09 01	47.56	+03 52 31.1
2493	1978 12	28.17560	05 43	27.41	+11 25 17.7	2530	1981 03	11.09564	08 44	20.44	+06 29 02.5
2493	1979 01	04.16233	05 37	29.47	+11 24 18.4	2531	1981 10	04.16863	01 23	05.31	-08 47 52.5
2493	1979 01	20.15965	05 27	15.61	+11 40 23.5	2531	1981 11	26.08042	00 51	54.28	-09 36 26.5
2493	1979 03	24.04196	05 46	15.74	+14 35 40.5	2542	1980 04	20.08090	10 19	11.06	+13 00 33.4
2493	1981 05	03.28487	15 49	12.17	-13 55 30.0	2542	1981 06	27.21822	16 39	30.72	-15 51 33.5
2493	1981 05	25.21101	15 31	14.85	-11 56 57.9	2544	1980 10	06.05731	20 26	40.41	-07 01 33.3
2493	1981 06	24.14378	15 12	19.54	-10 14 35.5	2544	1981 12	30.99091	01 21	09.74	+37 27 34.4
2495	1981 08	27.06976	18 42	33.96	+13 26 46.1	2545	1981 08	03.16564	20 31	25.35	-21 45 14.1
2495	1981 09	30.02184	19 17	17.65	+02 59 26.0	2546	1981 09	25.26448	00 38	37.46	+17 55 16.8
2495	1981 10	24.96961	20 02	21.83	-02 29 29.6	2546	1981 09	29.24147	00 35	01.06	+17 42 59.2
2497	1981 08	08.24263	22 01	05.57	-08 47 12.8	2546	1981 11	02.14230	00 07	43.13	+14 57 37.8
2497	1981 09	05.17968	21 36	53.45	-08 59 50.6	2546	1981 11	25.03419	00 01	06.29	+13 18 53.8
2497	1981 09	30.11883	21 29	15.59	-08 57 02.9	2546	1981 11	26.03874	00 01	05.82	+13 15 51.9
2497	1981 10	01.03473	21 29	21.62	-08 55 59.5	2547	1981 02	28.31201	12 27	08.84	-04 39 31.4
2498	1981 06	05.19550	15 46	22.45	-21 50 11.1	2547	1981 04	07.24601	11 52	21.88	-02 22 22.7
2498	1982 08	15.25937	23 30	34.83	-02 51 34.7	2548	1981 11	03.22369	00 14	58.90	+30 43 34.7
2498	1982 08	19.20442	23 28	27.87	-03 02 58.5	2548	1981 11	24.06823	00 08	39.34	+27 49 07.6
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2499	1981 06	03.19490	15 19	10.70	-17 28 00.5	2549	1976 09	25.28384	02 19	14.65	+13 53 19.4
2499	1981 06	05.17434	15 17	53.78	-17 22 58.8	2549	1976 10	23.31591	02 01	50.23	+12 22 10.5
2499	1983 12	04.10770	02 24	19.30	+13 44 36.1	2549	1976 10	27.22676	01 58	47.17	+12 05 40.0
2501	1981 11	01.30558	02 39	42.68	+18 15 44.4	2549	1976 10	27.33131	01 58	42.12	+12 05 12.9
2502	1981 09	29.26904	00 56	35.38	+04 34 02.9	2549	1976 10	29.10522	01 57	19.81	+11 57 44.5
2502	1981 11	02.16641	00 27	10.14	+03 55 14.8	2549	1976 11	17.09557	01 44	28.21	+10 46 13.5
2506	1981 09	29.19502	23 51	05.14	-01 55 19.3	2549	1976 12	16.07040	01 39	10.31	+10 15 52.5
2506	1981 09	30.24638	23 50	18.16	-02 01 01.5	2549	1977 01	13.06558	01 53	27.43	+11 35 54.4
2506	1981 10	01.12479	23 49	39.59	-02 05 48.4	2549	1977 02	19.03393	02 33	55.13	+15 03 32.3
2506	1981 10	06.08873	23 46	08.22	-02 31 41.6	2549	1978 01	11.38700	09 40	30.89	+13 50 56.9
2506	1981 11	03.05431	23 33	31.48	-04 04 47.5	2549	1978 01	31.23047	09 26	38.32	+14 58 50.0
2507	1981 10	25.30784	04 03	49.14	+06 01 01.7	2549	1978 02	01.31987	09 25	45.25	+15 03 02.4
2507	1981 11	23.23258	03 40	46.83	+04 32 58.9	2549	1978 02	02.19073	09 25	02.95	+15 06 24.5
2508	1981 06	02.13934	15 38	33.58	-10 42 40.2	2549	1978 02	04.22873	09 23	22.73	+15 14 17.2
2508	1981 06	27.13319	15 23	55.10	-09 51 05.0	2549	1981 08	01.19222	21 31	57.18	-14 33 13.3
2508	1981 06	28.18323	15 23	40.91	-09 51 24.1	2549	1981 08	08.16020	21 26	42.75	-14 58 30.5
2514	1981 08	26.22604	22 56	50.12	-08 14 09.7	2550	1981 08	26.13872	20 19	39.26	-13 02 35.7
2514	1981 09	30.19208	22 29	42.36	-10 12 13.6	2550	1981 09	29.08740	20 13	09.02	-15 34 47.6
2514	1981 11	02.97455	22 27	55.54	-09 41 38.0	2551	1981 09	29.29105	01 02	34.41	+06 42 30.2
2515	1981 10	06.19060	02 14	32.14	+10 04 55.8	2551	1981 11	03.24912	00 38	36.14	+04 21 57.6
2515	1981 11	02.21943	01 53	52.44	+08 57 46.9	2551	1981 11	24.12278	00 34	03.76	+03 57 11.6
2515	1981 11	24.19382	01 40	07.97	+08 30 35.9	2552	1978 11	26.07439	00 05	49.42	+01 44 02.2
2516	1981 10	04.14582	01 05	38.70	+04 49 04.7	2552	1981 08	02.24736	21 31	10.03	-15 47 55.8
2516	1981 11	02.19409	00 40	49.31	+02 13 08.6	2552	1981 08	27.19841	21 10	28.03	-16 57 43.8
2517	1980 12	05.33538	06 23	46.94	+24 53 50.2	2552	1981 09	30.09576	21 08	21.06	-16 30 38.8
2517	1981 01	06.24738	05 55	20.10	+24 53 14.9	2554	1981 11	26.23712	06 55	21.53	+26 11 31.2
2517	1981 02	01.15315	05 40	47.86	+24 57 13.9	2554	1981 12	20.33984	06 32	54.48	+26 12 11.0
2517	1981 02	04.17573	05 40	08.70	+24 57 21.0	2555	1981 11	02.34876	06 08	39.01	+24 00 45.8

2555	1981 11	03.35900	06 08	31.86	+24 00	43.2	2595	1982 02	26.26866	08 46	01.43	+15 32	37.0
2555	1981 11	23.28667	06 00	15.95	+23 59	16.1	2596	1981 11	26.26769	06 44	16.86	+12 00	00.5
2555	1981 12	20.22707	05 36	17.00	+23 45	58.5	2596	1981 12	20.28248	06 27	35.67	+12 24	52.6
2555	1981 12	31.12116	05 26	11.37	+23 35	20.1	2596	1982 01	23.03757	06 01	02.35	+14 20	58.0
2563	1981 12	31.38185	09 14	29.33	+16 30	47.7	2596	1982 01	26.12171	05 59	25.93	+14 34	19.6
2565	1977 12	16.14829	01 17	29.10	+11 22	43.1	2597	1982 01	22.08972	06 26	37.46	+22 52	48.0
2565	1981 12	21.36089	07 51	42.26	+24 06	06.2	2597	1982 02	26.06219	06 18	12.72	+23 11	37.2
2565	1982 01	25.20301	07 12	33.51	+25 06	46.8	2598	1982 01	27.20458	09 18	49.50	+04 02	14.9
2567	1979 08	23.10119	17 25	31.57	+15 57	01.7	2598	1982 02	27.19216	08 53	58.30	+07 08	20.9
2567	1979 09	19.05125	17 46	43.83	+18 15	20.8	2599	1982 01	27.15587	08 50	12.17	+35 42	39.4
2567	1982 01	27.24697	09 19	10.06	+13 41	52.4	2599	1982 02	26.19550	08 18	10.63	+34 42	39.4
2567	1982 02	27.21666	08 54	06.64	+16 45	37.0	2600	1982 01	23.20793	07 59	40.68	+27 18	41.2
2568	1981 11	23.20884	03 25	15.35	+11 21	37.5	2600	1982 02	26.13213	03 38	18.09	+25 23	05.9
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2568	1981 12	20.15020	03 02	09.99	+11 46	31.7	2604	1980 09	16.29543	02 09	00.14	+09 56	59.0
2568	1981 12	21.10183	03 01	42.40	+11 48	55.1	2604	1981 01	06.03317	01 24	09.33	+08 21	32.9
2569	1981 12	20.36133	06 37	02.36	+29 10	47.1	2604	1982 01	22.11061	06 33	17.85	+16 41	18.1
2570	1981 12	20.38044	07 33	18.70	+39 56	33.4	2604	1982 01	26.14770	06 29	45.03	+17 04	56.6
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2571	1981 10	25.27965	03 42	41.53	+17 30	20.9	2606	1981 06	29.21024	18 12	12.71	+03 28	40.1
2571	1981 11	01.20251	03 36	18.00	+17 21	47.4	2606	1981 06	30.18634	18 11	20.92	+03 29	20.8
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2575	1981 11	03.34365	06 36	30.10	+28 54	31.2	2608	1978 04	09.36730	18 44	29.38	+32 18	56.2
2575	1981 11	24.40674	06 29	24.67	+29 24	11.5	2608	1978 05	01.30856	19 34	05.04	+32 32	17.7
2575	1981 12	21.12850	06 01	16.44	+29 32	37.7	2608	1978 07	31.13788	18 47	53.40	+05 25	45.7
2576	1981 12	21.20804	07 24	56.45	+30 08	49.5	2608	1981 08	26.16584	22 18	56.46	+09 24	41.1
2576	1981 12	21.29744	07 24	51.69	+30 08	50.0	2610	1981 09	29.16252	21 53	57.62	+11 58	50.3
2576	1982 01	22.13115	06 54	59.39	+29 42	12.7	2610	1981 06	03.24657	16 19	56.29	+21 08	51.4
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2579	1981 11	23.26201	05 26	28.70	+27 36	12.0	2612	1979 06	15.11003	11 39	42.32	+21 49	46.4
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2587	1981 09	29.38321	03 52	15.87	+17 58	45.4	2614	1981 12	31.09608	05 26	21.74	+19 58	54.4
2587	1981 10	25.27965	03 41	08.28	+17 22	09.4	2614	1981 12	31.32591	05 26	07.55	+19 59	28.8
2587	1981 11	01.20251	03 36	15.01	+17 06	52.7	2617	1982 01	25.32382	09 27	16.62	+32 30	44.2
2587	1981 11	02.24211	03 35	27.86	+17 04	26.8	2618	1981 12	31.29236	09 12	22.40	+10 38	37.1
2587	1981 11	24.25550	03 17	52.01	+16 09	52.2	2618	1982 02	27.18036	08 52	42.21	+10 48	36.2
2587	1981 11	25.11838	03 16	11.75	+16 07	50.0	2618	1982 02	27.16672	08 28	37.00	+11 42	54.1
2587	1981 11	26.11580	03 17	25.68	+16 05	28.3	2619	1981 11	25.37729	07 28	16.11	+20 29	13.5
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2590	1981 11	01.17367	09 47	50.27	+08 53	20.4	2620	1982 02	27.14391	08 26	48.44	+00 28	54.9
2593	1982 01	26.18949	09 48	22.24	+13 40	46.4	2623	1982 02	24.31804	11 54	08.44	+00 28	54.9
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2626	1981 03 27.19007	11 08 00.32	+05 42 14.7	2663	1982 04 23.20177	12 17 01.15	+00 34 44.5
2626	1981 05 08.10488	10 56 34.38	+06 33 03.9	2663	1982 04 24.19251	12 16 20.65	+00 34 40.0
2626	1981 05 09.07552	10 56 46.46	+06 31 28.2	2663	1982 04 29.11946	12 13 26.75	+00 31 56.7
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2627	1981 03 28.25880	12 18 59.42	+01 42 54.6	2665	1982 04 16.20918	13 02 17.48	-16 16 18.9
2628	1981 02 01.03595	04 03 16.78	+19 23 44.7	2667	1982 04 19.27578	14 31 53.50	-13 37 07.1
2628	1982 03 03.27890	09 48 20.95	+11 36 28.4	2667	1982 04 20.26542	14 31 11.08	-13 33 58.8
2628	1982 03 23.16372	09 36 32.12	+12 45 26.6	2667	1982 04 22.25854	14 29 44.57	-13 27 40.1
2629	1982 02 24.36978	12 04 47.26	-04 48 02.8	2667	1982 04 23.27990	14 28 59.63	-13 24 22.0
2629	1982 03 25.25895	11 02 43.22	-13 33 20.6	2667	1982 05 18.23002	14 10 56.00	-12 04 49.1
2639	1980 12 07.31716	05 04 47.38	+22 10 57.2	2668	1981 02 05.99424	12 42 51.69	+21 23 51.5
2639	1981 01 03.16927	04 37 43.10	+22 39 35.4	2668	1982 02 27.35896	12 42 51.69	+21 23 51.5
2639	1981 02 01.07307	04 26 27.16	+23 19 02.5	2668	1982 03 23.25330	12 23 48.14	-07 51 30.9
2639	1982 03 03.32206	13 10 21.09	+10 00 20.9	2668	1982 04 23.17172	11 57 17.16	-04 58 12.0
2640	1982 03 03.37792	13 33 50.12	+12 18 56.9	2669	1980 11 04.03568	22 04 07.92	-01 48 03.8
2640	1982 03 27.28895	13 19 22.90	-10 48 46.5	2669	1982 02 26.21697	08 23 47.26	+14 04 39.6
2640	1982 04 16.18650	12 59 28.65	-10 15 45.4	2669	1982 04 19.06525	08 26 33.62	+14 20 38.7
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2642	1982 04 15.08869	09 53 06.68	+01 15 47.9	2672	1981 12 21.23897	08 10 55.52	+13 55 29.9
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2643	1977 12 16.35788	09 24 32.98	+24 42 04.6	2673	1981 11 01.00325	21 52 43.66	-15 41 39.8
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2644	1982 04 17.12073	13 08 19.75	-10 26 20.2	2682	1982 04 16.26524	14 19 48.28	-10 03 20.8
2645	1982 02 27.38488	13 13 52.25	-14 17 41.4	2682	1981 02 01.18963	06 37 16.14	+20 49 36.4
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2648	1982 03 23.31782	13 22 51.80	-16 51 16.2	2684	1982 04 17.18492	13 59 16.71	-13 55 41.7
2652	1982 01 22.23123	07 25 38.36	+30 16 34.9	2684	1982 03 24.27262	14 49 16.95	-03 53 36.9
2652	1982 03 15.08999	07 10 47.77	+29 43 03.0	2693	1982 04 20.30924	14 35 26.12	-01 05 13.4
2652	1982 04 24.08999	07 28 49.76	+28 37 19.5	2693	1982 03 21.06127	10 40 55.44	+20 52 22.0
2654	1982 01 22.20712	08 06 26.75	+09 17 52.1	2698	1982 04 22.13826	10 27 55.69	+19 34 16.3
2654	1982 03 24.12591	07 41 00.23	+12 41 05.4	2698	1982 03 23.27594	11 19 13.76	-01 47 06.9
2654	1982 04 20.05935	07 54 06.91	+13 22 34.8	2698	1982 04 16.16433	11 06 01.90	+00 58 17.2
2655	1981 03 11.06397	07 54 25.17	+36 12 03.4	2699	1982 03 01.24875	10 01 35.94	+36 52 34.2
2655	1981 03 27.04507	07 57 59.53	+35 39 59.0	2700	1982 03 24.17296	09 43 54.15	+36 29 50.7
2655	1982 03 24.29692	14 08 45.66	+10 12 56.9	2700	1980 09 16.23329	00 07 07.06	+00 15 18.7
2655	1982 04 16.23662	13 52 43.84	+11 42 56.4	2700	1981 12 21.15241	06 46 04.82	+19 28 23.6
2656	1982 04 15.12038	10 02 10.96	+17 04 30.5	2700	1981 12 30.35722	06 37 36.58	+19 37 37.9
2658	1980 02 13.21409	09 57 57.67	-04 00 34.2	2701	1981 01 31.29973	09 15 36.26	+23 48 47.4
2658	1980 02 14.24352	09 57 14.78	-03 56 01.4	2701	1981 02 28.12461	08 53 43.06	+24 46 33.4
2658	1980 02 16.04605	09 55 59.13	-03 47 27.0	2701	1982 03 25.30353	13 07 24.87	-07 06 57.8
2658	1980 02 18.14441	09 54 29.35	-03 36 27.5	2701	1982 04 17.08770	12 49 43.04	-05 56 31.5
2658	1980 03 10.14851	09 41 19.98	-01 03 00.6	2703	1982 02 26.35192	11 19 54.39	+15 40 27.9
2658	1980 03 20.11155	09 38 04.11	+00 20 33.7	2703	1982 02 26.35192	11 17 51.86	+15 52 49.4
2658	1980 04 14.08284	09 42 52.71	+03 09 27.6	2703	1982 02 27.26014	11 16 56.84	+15 58 16.2
2658	1980 05 15.11872	10 12 07.44	+04 10 19.2	2703	1982 03 01.30067	11 14 49.77	+16 09 50.8
2658	1981 06 28.26903	19 23 14.94	-09 09 07.7	2704	1981 03 02.04743	04 50 18.33	+17 27 38.6
2658	1981 08 01.16358	18 56 40.13	-09 59 28.1	2704	1982 04 19.34199	15 08 31.72	-15 48 10.9
2662	1981 04 03.19637	11 32 56.20	+00 57 00.8	2704	1982 05 19.16005	14 41 31.03	-12 53 37.9

2705	1982 02 24.27789	10 55 11.52	+10 50 08.9	2749	1982 08 18.22142	23 24 18.64	-03 57 55.7
2705	1982 03 24.20388	10 27 04.82	+12 42 31.8	2749	1982 08 22.25032	23 22 00.32	-04 12 21.0
2705	1982 04 23.09988	10 15 13.12	+12 41 10.3	2750	1982 09 13.11473	23 22 36.42	-12 22 57.9
2706	1982 01 26.26147	10 18 11.38	+27 43 40.1	2753	1982 07 25.22772	23 03 08.05	-08 44 53.8
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2706	1982 02 27.23672	09 51 01.67	+30 06 45.3	2753	1982 08 17.22863	22 49 45.56	-09 26 37.2
2706	1982 03 23.13781	09 35 23.95	+29 50 37.4	2753	1982 08 22.21608	22 45 42.72	-09 40 20.2
2709	1982 05 27.09858	11 59 15.72	-02 20 26.7	2753	1982 08 26.14304	22 42 21.89	-09 51 34.6
2711	1982 05 19.18575	15 41 59.82	-04 37 04.7	2754	1981 02 04.29931	08 33 19.22	+13 03 48.8
2714	1982 05 26.29953	18 07 40.56	-12 32 37.7	2754	1981 03 04.12308	08 10 45.02	+14 10 39.4
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2716	1982 02 27.30751	18 03 18.92	-16 54 56.1	2755	1980 02 22.27075	10 32 50.60	+02 24 48.4
2716	1982 06 25.20907	17 36 06.31	-15 36 46.4	2755	1982 06 21.26554	18 54 37.70	-17 48 20.8
2720	1982 05 26.23647	15 00 37.86	-12 09 30.2	2755	1982 07 20.14521	18 28 33.52	-17 44 40.4
2722	1982 05 22.23747	15 20 17.32	-15 41 39.1	2756	1982 07 23.23272	22 57 15.96	-10 59 23.0
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2723	1982 05 18.19949	14 37 04.06	-12 31 04.1	2756	1982 08 18.19508	22 42 32.22	-11 37 01.7
2724	1982 05 27.28369	17 53 16.45	-17 25 32.2	2757	1982 09 11.12343	21 55 37.80	-13 15 34.8
2724	1982 06 25.18458	17 30 00.85	-17 19 13.2	2758	1982 07 25.26046	23 12 27.34	-05 46 43.8
2731	1981 03 28.11634	09 08 45.99	+15 26 24.8	2758	1980 06 09.17902	14 24 24.46	+07 02 43.0
2732	1982 05 19.21351	17 40 00.09	-14 17 33.1	2759	1980 06 11.10126	14 23 56.91	+07 01 54.7
2732	1982 06 21.23385	17 12 57.94	-14 02 29.0	2759	1980 06 13.25236	14 23 28.85	+07 00 31.7
2732	1982 07 24.06931	16 53 29.28	-15 01 57.7	2759	1981 06 02.19490	17 07 02.15	+04 19 33.7
2732	1982 07 25.09786	16 53 15.48	-15 04 53.7	2759	1981 06 28.24024	16 54 16.50	+04 20 35.8
2734	1981 03 04.32556	10 47 44.34	+30 37 57.4	2759	1981 08 02.16326	16 44 45.34	+02 39 36.9
2734	1981 03 27.16806	10 29 08.99	+30 13 10.7	2759	1981 08 03.09977	16 44 41.63	+02 35 47.6
2735	1977 10 16.12255	22 56 27.37	+15 54 39.3	2759	1982 06 25.25494	19 23 53.88	+02 01 09.1
2735	1977 11 12.05641	22 45 28.23	+17 38 00.2	2759	1982 07 23.20145	19 10 18.81	+01 11 53.4
2735	1977 11 13.09358	22 45 46.13	+17 42 09.6	2759	1982 06 21.29494	20 49 41.57	-17 11 14.7
2735	1977 12 08.09839	23 05 25.84	+19 52 40.7	2759	1982 07 25.17097	20 21 51.39	-18 16 49.5
2735	1977 12 08.97779	23 06 29.61	+19 58 29.6	2764	1982 08 26.19891	00 28 17.21	-09 02 27.8
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2735	1981 03 04.25546	08 35 13.45	+35 29 21.3	2768	1982 12 15.00182	00 09 04.80	-02 04 12.9
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2736	1979 09 24.22380	20 58 45.01	-04 26 28.2	2771	1982 09 10.1602	19 30 16.46	-00 47 38.3
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2744	1980 01 22.14030	08 19 07.50	+22 24 17.7	2782	1981 06 01.15447	13 28 44.24	-12 16 11.6
2744	1982 07 24.30587	23 49 35.88	+01 32 42.4	2782	1982 08 19.30807	01 24 40.32	+07 44 50.8
2744	1982 08 15.28814	00 05 20.10	+07 23 00.6	2783	1982 09 13.21759	01 20 00.31	+08 06 12.6
2744	1982 09 10.18508	00 01 59.86	+12 49 07.4	2783	1982 10 18.15358	00 51 09.25	+06 30 34.0
2744	1982 09 13.16829	00 00 16.13	+13 15 02.4	2783	1982 08 17.17381	21 17 49.74	-14 30 11.8
2745	1982 06 24.20251	16 55 11.73	+06 59 23.1	2783	1982 10 11.05912	21 02 49.98	-16 07 04.0
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2747	1982 07 25.22772	23 01 48.24	-08 43 23.2	2790	1982 09 13.19720	00 38 30.73	-18 28 51.3
2747	1982 08 16.23800	22 50 00.21	-09 21 02.3	2790	1982 10 12.19272	00 09 46.68	-18 37 12.9
2747	1982 08 17.22863	22 49 16.96	-09 23 34.7	2791	1977 02 16.32042	09 44 44.67	+29 25 49.0
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2747	1982 08 26.14304	22 42 22.55	-09 47 46.3	2791	1977 02 18.14531	09 41 05.59	+28 57 02.1
2747	1988 10 06.22193	01 23 55.10	+14 06 54.7	2791	1977 02 20.24727	09 36 58.24	+28 22 18.1
2748	1982 07 25.22772	23 03 35.97	-08 46 34.2				
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2809	1982 09	15.25902	02 36	42.45	+16 58	01.9	2850	1982 11	16.15237	03 56	45.33	+09 57	26.1
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2810	1981 06	29.18720	17 38	39.41	-04 58	39.2	2851	1982 11	16.21686	04 31	39.86	+25 10	56.7
2810	1982 08	19.23743	23 52	30.16	+07 56	56.8	2852	1982 11	18.38064	07 09	35.67	+21 41	13.4
2810	1982 09	13.15003	23 37	21.97	+04 57	14.1	2852	1983 01	14.16159	06 26	59.79	+22 57	15.4
2810	1982 09	15.11580	23 35	51.98	+04 38	20.5	2852	1983 02	10.13549	06 11	26.59	+23 20	07.5
2810	1982 09	17.21750	23 34	14.66	+04 17	39.7	2852	1983 02	11.08418	06 11	14.87	+23 20	42.9
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2812	1982 10	15.07686	23 20	41.28	-15 04	15.4	2859	1983 01	20.20155	06 43	52.55	+17 28	38.8
2812	1982 10	18.05685	23 18	58.12	-15 01	57.0	2860	1978 11	19.07366	23 49	54.31	+40 48	36.7
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2815	1982 10	15.07686	23 21	46.72	-14 57	56.0	2860	1979 01	19.03993	01 10	11.65	+38 04	25.3
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2829	1982 10	20.31039	06 13	06.42	+39 02	41.5	2866	1983 01	20.26216	07 42	07.32	+25 55	35.3
2829	1982 11	16.38706	06 05	24.58	+40 19	39.5	2866	1983 02	11.19360	07 23	39.19	+25 44	19.1
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2830	1982 10	20.22448	05 31	16.09	+33 20	48.1	2869	1983 02	20.30855	12 04	26.01	+02 00	09.2
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2837	1981 12	20.06861	00 54	22.85	+04 05	24.8	2870	1983 02	10.21462	08 13	21.80	+24 26	35.0
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2841	1982 11	14.29653	04 10	23.00	+16 24	42.8	2876	1981 11	03.01350	23 26	15.77	-01 13	16.2
2841	1982 11	16.19373	04 08	21.96	+16 22	03.4	2876	1981 12	20.96767	23 40	34.04	+03 10	55.1
2841	1982 11	18.09403	04 06	17.07	+16 19	21.5	2876	1983 01	14.37868	10 25	48.70	+29 22	41.8
2843	1982 11	16.42399	06 29	44.94	+22 50	13.0	2876	1983 02	19.22312	09 49	22.58	+30 17	49.0

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2891	1982 11 14.27731	03 59 11.00	+08 49 50.6	2938	1983 05 13.14505	11 14 19.78	+47 51 19.0
2893	1983 03 14.24127	10 45 36.11	+22 33 53.4	2940	1983 08 14.21900	21 49 56.55	-03 55 39.6
2893	1983 04 14.06072	10 34 12.81	+23 17 45.8	2940	1983 09 07.14181	21 29 48.56	-04 58 51.4
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2898	1983 04 14.10138	10 38 40.53	+25 53 46.5	2943	1983 10 07.18562	23 34 33.05	+18 54 26.8
2898	1983 05 13.11806	10 43 49.63	+23 57 49.4	2946	1983 09 07.21481	23 01 10.81	-05 51 43.7
2899	1983 02 19.19760	09 44 41.40	+18 01 38.8	2946	1983 10 08.10757	22 37 19.42	-08 10 02.3
2899	1983 05 15.06241	09 33 53.43	+16 36 18.3	2947	1983 09 05.27315	22 52 51.66	-02 03 14.4
2900	1983 01 19.32552	11 05 36.16	+16 41 59.1	2947	1983 09 08.25334	22 49 57.40	-02 18 26.0
2900	1983 02 11.33616	10 52 55.60	+18 06 28.6	2947	1983 09 09.22427	22 49 00.69	-02 23 28.8
2901	1983 04 18.21507	12 16 11.62	+02 34 50.4	2947	1983 10 07.12673	22 27 09.92	-04 38 51.6
2902	1981 09 29.19502	23 51 31.77	-01 38 52.6	2948	1983 08 16.23278	22 31 46.80	+06 32 22.3
2902	1981 10 01.12479	23 50 49.19	-01 48 31.4	2948	1983 09 05.22434	22 17 16.40	+04 35 44.9
2902	1981 09 30.24638	23 50 14.78	-01 56 29.0	2948	1983 10 04.11849	22 01 13.28	+00 51 27.8
2902	1981 10 06.08873	23 47 14.59	-02 38 56.4	2948	1983 10 09.10516	21 59 58.98	+00 15 25.5
2902	1981 10 31.21635	23 42 27.06	-04 37 52.3	2950	1983 09 03.33532	00 46 31.64	-11 12 30.3
2902	1981 11 01.03333	23 42 38.65	-04 38 41.5	2950	1983 10 10.12554	00 23 41.11	-15 56 42.5
2902	1983 02 16.28152	10 05 34.13	+08 06 45.2	2953	1983 07 13.26067	21 52 40.91	-11 24 11.1
2903	1983 01 21.30586	10 38 54.73	-14 01 16.8	2953	1983 08 14.19482	21 30 46.63	-13 04 04.8
2903	1983 04 12.10378	09 52 45.55	-06 47 25.1	2953	1983 09 02.15254	21 16 01.73	-14 14 18.7
2904	1983 02 14.37036	13 10 26.87	+15 38 17.6	2953	1986 02 04.25232	09 57 20.51	+10 49 39.9
2904	1983 04 18.25580	12 25 07.08	+20 43 43.1	2954	1983 09 08.27772	22 59 07.68	-06 28 46.6
2908	1983 01 12.33517	09 40 04.36	-05 15 18.9	2954	1983 10 09.07090	22 36 30.69	-09 32 46.3
2910	1982 04 23.20177	12 17 34.34	+00 33 46.1	2955	1983 08 16.28394	23 32 43.80	-08 52 16.3
2910	1982 04 24.19251	12 16 50.13	+00 36 56.9	2955	1983 09 07.24250	23 12 43.72	-10 37 45.0
2910	1982 04 30.12481	12 12 55.82	+00 52 45.7	2955	1983 10 08.13019	22 46 48.05	-11 50 57.6
2914	1982 10 20.02772	22 59 22.45	-08 03 08.5	2956	1983 09 07.18743	22 16 43.53	-13 58 23.2
2914	1982 11 16.01491	23 09 10.86	-07 30 41.2	2956	1983 10 09.04256	22 00 38.76	-15 23 40.7
2915	1983 01 12.30521	08 47 01.67	+34 27 36.2	2958	1976 05 01.06155	09 22 35.39	+14 35 02.5
2915	1977 03 20.16400	10 46 58.58	+02 59 21.0	2961	1983 02 11.03269	03 48 47.77	+15 47 25.8
2916	1981 12 30.38128	06 49 58.96	+41 52 53.0	2962	1983 02 20.38931	14 45 14.78	-03 24 41.4
2917	1983 03 14.31598	12 26 37.42	-08 23 00.0	2962	1983 04 12.32519	14 31 07.62	-03 48 45.6
2917	1983 04 12.17237	12 01 04.04	-07 17 17.6	2962	1983 06 11.12895	13 42 51.61	-06 54 17.8
2920	1983 07 11.26810	19 15 38.52	+00 24 20.6	2963	1983 09 05.34769	01 15 04.05	+05 04 50.0
2920	1983 08 16.08796	18 59 43.69	-00 17 44.2	2963	1983 10 07.22677	00 54 14.87	+03 10 57.7
2920	1983 09 04.07728	18 55 43.69	-01 08 21.0	2964	1983 11 01.07572	00 35 51.90	+01 44 49.3
2921	1983 09 02.17534	22 02 52.69	-12 06 33.2	2964	1983 09 04.37345	02 01 35.35	+27 40 01.4
2923	1977 02 22.26734	10 10 43.78	+13 06 52.4	2965	1983 11 03.20306	01 19 01.75	+33 19 31.5
2926	1983 01 18.34513	10 49 31.44	+01 57 53.0	2965	1981 11 24.30858	06 04 04.36	-04 17 30.1
2928	1983 07 14.30797	22 39 14.37	-04 07 35.2	2965	1981 12 31.15147	05 26 38.92	-01 51 32.9
2928	1983 08 14.26382	22 22 22.68	-04 55 55.2	2965	1982 01 21.07477	05 09 08.38	+02 05 49.5
2928	1983 09 02.20304	22 06 57.61	-05 33 55.5	2965	1982 07 13.18556	18 47 37.11	-06 23 25.8
2929	1983 06 09.11332	15 58 51.44	+01 12 17.3	2966	1982 09 17.28706	01 18 13.52	+05 44 57.5
2929	1983 07 13.10933	15 44 53.00	-01 04 59.7	2966	1982 10 12.21318	00 56 18.04	+03 46 49.6
2934	1983 10 07.31314	02 39 35.08	+13 11 40.8	2967	1982 11 17.98042	00 32 10.16	+01 58 51.7
2935	1983 09 04.35191	00 39 40.06	-10 23 21.4	2967	1977 12 16.14829	01 17 43.38	+11 35 49.1
2935	1983 10 08.22337	00 14 44.59	-15 23 45.7	2967	1977 12 17.11345	01 17 46.58	+11 40 21.8
				2967	1977 12 17.17453	01 17 46.83	+11 40 38.5

2967	1983	11	10.22383	03	20	09.62	+28	22	27.5	2998	1984	01	03.25455	06	58	31.75	+18	34	23.8
2967	1983	12	01.17277	02	58	29.20	+28	54	37.6	2999	1983	11	07.39376	04	45	50.21	+19	10	30.4
2968	1982	09	18.35162	03	44	44.78	+31	14	35.1	2999	1983	11	08.43015	04	45	05.25	+19	12	25.2
2968	1982	10	16.28450	03	37	45.44	+31	30	08.4	2999	1983	12	01.23309	04	21	44.40	+19	53	50.6
2968	1982	11	09.15635	03	12	26.53	+29	25	53.2	3000	1983	11	03.42244	07	47	53.30	+17	48	53.5
2969	1983	11	05.15885	01	10	13.12	+06	10	33.3	3000	1983	12	06.41522	07	53	40.39	+16	34	05.8
2970	1982	10	11.13973	22	12	53.98	-08	54	21.7	3000	1984	01	09.25469	07	24	31.82	+17	12	17.3
2970	1982	11	11.10001	22	16	02.06	-06	41	42.4	3000	1984	02	01.20276	07	01	49.62	+18	09	50.3
2971	1983	09	03.30738	01	06	42.04	-05	51	44.7	3001	1982	03	27.07579	08	36	14.71	+02	43	19.3
2971	1983	10	04.22711	00	43	15.85	-08	45	46.0	3004	1980	01	13.29106	10	22	06.29	+21	18	44.8
2973	1983	04	18.30420	14	54	31.01	-18	52	09.6	3004	1980	01	16.32531	10	19	11.48	+20	43	19.7
2974	1983	09	07.08602	19	25	54.45	-11	34	34.1	3004	1980	01	20.31887	10	14	40.94	+19	54	30.2
2974	1983	10	07.04482	19	48	08.21	-13	03	25.4	3004	1980	02	14.08580	09	34	15.25	+13	50	08.5
2974	1983	11	07.95592	20	35	06.43	-12	40	24.6	3004	1984	02	08.20091	07	25	10.60	+42	53	23.2
2977	1983	07	11.28743	20	32	42.97	-08	37	32.3	3005	1982	05	22.16315	12	06	20.44	+00	47	37.5
2977	1983	08	14.13256	20	56	49.36	-05	29	10.6	3005	1982	05	22.16315	12	06	20.44	+00	47	37.5
2977	1983	09	02.10427	20	22	09.64	-11	03	48.7	3005	1983	10	08.25150	01	05	07.65	+05	21	56.8
2977	1983	09	08.14041	20	20	33.39	-11	47	15.8	3005	1983	10	09.20471	01	04	13.47	+05	28	24.9
2978	1978	09	26.25509	00	13	14.54	+01	59	04.2	3005	1983	10	10.15212	01	03	19.93	+05	21	56.8
2978	1978	09	27.15116	00	12	34.14	+01	55	10.0	3005	1983	11	09.15432	00	40	21.90	+02	39	12.5
2978	1978	09	28.24167	00	11	43.78	+01	50	25.5	3006	1983	12	06.26638	04	29	03.19	+26	54	09.7
2978	1978	10	03.13363	00	08	03.63	+01	29	23.9	3007	1983	11	30.41333	06	18	25.77	+26	53	11.2
2978	1978	10	03.17368	00	08	01.73	+01	29	11.8	3007	1984	01	09.20177	05	34	08.28	+28	48	38.0
2978	1978	10	03.25542	00	07	57.97	+01	28	52.4	3009	1979	05	02.18898	14	08	16.86	-17	22	26.0
2978	1983	10	04.02414	20	01	32.93	-21	16	35.0	3009	1983	11	07.30856	02	35	38.76	+20	38	55.2
2978	1983	10	10.03239	20	05	24.54	-21	01	42.3	3009	1983	12	04.14349	02	12	15.07	+19	11	57.6
2979	1983	07	10.31637	22	22	23.23	-07	09	38.9	3010	1983	10	07.99112	20	06	59.13	-20	51	24.5
2979	1983	07	11.30855	22	22	21.61	-07	13	03.7	3011	1982	06	19.17882	17	42	18.86	-16	04	29.9
2979	1983	08	16.18131	22	08	17.73	-11	01	17.2	3011	1983	08	14.24357	22	08	01.21	-03	12	35.7
2979	1983	09	05.20438	21	55	00.29	-13	48	18.9	3011	1983	09	07.16811	21	51	04.88	-05	11	17.3
2980	1983	09	05.29811	23	45	11.73	-01	08	07.8	3011	1983	09	08.22761	21	50	23.40	-05	16	59.9
2980	1983	10	08.20316	23	20	58.27	-05	53	47.7	3011	1983	11	07.41142	05	31	19.00	+28	39	35.6
2980	1983	11	07.12389	23	14	53.86	-08	01	00.7	3013	1983	12	08.21745	05	06	35.90	+29	31	24.6
2980	1983	12	04.03465	23	30	22.05	-07	10	01.2	3013	1984	01	04.14254	04	40	00.18	+28	45	33.3
2981	1983	11	09.18435	01	02	56.98	+06	19	28.0	3013	1983	11	03.37295	05	06	22.03	+21	20	55.3
2982	1983	10	04.30445	01	51	25.81	+05	28	53.6	3015	1981	12	21.32686	07	32	46.56	+43	15	52.2
2982	1983	11	03.22151	01	26	02.09	+04	42	13.8	3015	1983	01	22.26863	11	34	18.88	+24	07	32.6
2984	1983	06	09.17725	15	39	42.94	-18	06	25.3	3015	1983	02	15.30838	11	22	30.84	+26	04	32.4
2987	1983	06	09.15687	15	30	54.56	-17	31	59.9	3016	1982	06	21.20714	16	16	35.61	-17	45	01.0
2988	1983	11	10.26101	03	18	28.78	-00	14	36.8	3016	1982	07	25.12407	16	04	54.67	-17	57	54.0
2988	1983	12	06.20010	02	55	39.48	+00	05	39.0	3017	1983	02	20.33258	12	10	23.80	-20	41	07.6
2989	1983	11	03.39414	05	12	09.03	+21	41	24.6	3018	1983	12	06.24589	04	20	01.16	+18	42	52.4
2989	1983	12	01.28566	04	44	25.86	+21	46	08.1	3022	1982	05	21.27280	16	21	45.51	+16	18	11.2
2990	1983	11	09.30888	02	56	49.02	+12	45	56.7	3022	1982	06	24.17017	15	50	30.24	+17	21	59.1
2990	1983	12	04.16560	02	35	18.67	+11	01	47.9	3022	1982	07	24.13682	15	47	02.98	+12	44	37.4
2991	1983	11	08.31622	04	11	25.57	+15	41	50.1	3023	1982	09	15.22306	02	11	48.33	+16	36	21.3
2991	1983	12	06.22249	03	41	16.35	+14	58	28.1	3023	1982	10	18.21522	01	47	43.99	+13	56	00.8
2992	1982	07	20.22096	20	23	55.65	-09	57	10.2	3023	1984	01	09.44157	11	43	04.34	-03	55	40.1
2992	1982	08	16.14501	20	02	14.75	-11	42	52.4	3023	1984	03	08.27858	11	31	46.74	-04	03	27.0
2992	1983	11	08.16341	02	50	49.41	+08	24	22.5	3024	1984	02	01.37570	12	24	01.65	+09	48	29.4
2992	1983	12	08.17005	02	30	35.93	+06	05	38.2	3024	1984	03	01.38566	12	11	07.32	+11	11	12.2
2993	1983	11	03.32574	03	15	06.18	+41	09	52.4	3024	1984	04	01.28098	11	48	30.37	+12	24	51.1
2993	1983	12	06.14369	02	43	50.86	+37	39	48.8	3025	1984	01	08.21429	05	29	52.03	+35	07	35.8
2994	1983	11	08.23521	03	54	15.10	+23	54	53.8	3025	1984	01	09.16213	05	29	05.59	+34	59	47.9
2994	1983	11	08.40809	03	54	03.49	+23	54	31.6	3025	1984	02	08.10657	05	17	18.54	+30	53	38.6
2994	1983	12	08.19679	03	22	16.17	+22	19	20.3	3025	1984	02	09.10557	05	17	21.70	+30	45	40.5
2995	1983	11	08.37461	06	23	34.54	+01	55	27.2	3026	1983	12	01.32907	05	56	24.72	+13	16	24.3
2995	1983	11	30.34144	06	16	44.02	-00	27	58.4	3026	1984	02	01.10844	05	15	30.77	+12	21	40.1
2997	1983	12	06.30704	05	03	26.21	+34	41	06.4	3026	1984	02	09.04419	05	15	05.19	+12	36	01.8
2997	1984	01	04.11648	04	33	59.96	+33	14	25.0	3027	1983	12	01.31200	05	39	08.96	+20	31	24.7
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3029	1984 01 09.27428	08 03 44.92	+22 26 05.5	3054	1983 12 06.24689	04 19 37.58	+18 25 09.1
3029	1984 02 01.15354	07 37 01.82	+22 55 45.9	3055	1983 12 08.43541	10 38 39.06	+24 55 59.3
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3030	1983 12 08.40694	09 33 13.89	+14 23 24.7	3055	1984 03 01.20346	09 59 17.99	+26 47 14.6
3030	1984 02 02.26901	09 01 48.86	+14 34 17.1	3057	1983 11 30.39377	06 14 54.79	+25 00 09.3
3037	1984 02 08.44289	14 06 54.98	+11 48 11.0	3057	1984 02 01.13315	05 16 44.93	+27 44 19.9
3037	1984 03 08.41805	14 08 31.65	+15 49 15.9	3057	1984 02 09.08522	05 16 44.51	+27 52 47.4
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3038	1982 11 09.12619	02 04 29.52	+20 02 09.6	3058	1984 02 02.22281	08 16 36.00	+12 58 36.5
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3038	1984 04 02.17628	10 28 00.71	+10 09 32.9	3059	1983 12 08.29513	07 37 18.18	+17 21 59.9
3039	1984 02 08.02335	04 42 34.77	+03 56 42.6	3059	1984 01 09.23720	07 09 29.95	+18 04 55.7
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3040	1979 05 02.11977	10 09 19.60	+48 30 19.3	3061	1983 01 15.06731	02 18 36.50	+11 12 33.7
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3040	1980 06 09.27942	22 04 52.81	+40 45 12.0	3061	1984 01 09.31838	08 22 08.97	+21 05 43.7
3040	1980 07 08.25929	22 13 15.34	+06 24 13.6	3061	1984 02 01.22711	08 02 55.75	+22 19 57.6
3040	1980 07 13.26448	22 12 06.20	+04 52 16.1	3062	1984 02 01.34643	11 25 40.68	+15 43 55.9
3040	1984 02 02.41479	11 00 35.47	+11 24 45.0	3062	1984 03 02.29856	11 07 07.06	+19 17 16.6
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3041	1984 03 02.21537	10 26 06.22	+37 05 02.4	3070	1984 05 26.13813	12 45 19.40	-01 37 06.8
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3041	1984 03 28.29617	13 43 56.75	+11 42 42.6	3073	1984 02 08.34314	11 21 27.86	-02 35 57.3
3041	1984 04 29.23049	13 15 06.18	+12 49 50.2	3073	1984 03 03.30822	11 02 02.68	-00 04 03.2
3042	1984 02 08.24504	08 50 29.94	+09 34 43.2	3073	1984 03 28.12594	10 41 36.89	+03 21 26.9
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3045	1984 03 08.08256	07 14 26.96	+26 29 49.5	3075	1984 03 03.19327	09 10 03.00	+18 59 38.6
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3046	1982 09 17.21750	23 35 09.81	+04 14 56.1	3076	1982 09 13.15003	23 37 49.54	+04 44 47.4
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3725	1983 11 10.20645	02 44 42.45	+34 47 01.9	3757	1983 03 14.20867	10 43 10.86	+23 43 54.6
3725	1983 12 09.17253	02 20 33.68	+32 39 15.1	3757	1987 11 22.24032	06 15 35.04	+12 45 29.8
3725	1987 08 26.22108	22 42 58.05	-12 21 34.0	3757	1987 11 23.23903	06 26 20.77	+13 19 12.7
3727	1987 07 24.24495	21 40 44.69	-10 04 11.9	3757	1987 11 28.25515	07 26 43.40	+16 03 06.2

3757	1987 11	28.26547	07 26	51.27	+16 03	25.0	3797	1987 12	22.19337	05 15	46.90	+21 46	51.4
3757	1987 12	18.42292	11 02	20.69	+17 59	09.5	3797	1987 12	22.24547	05 15	44.06	+21 46	48.2
3757	1988 01	17.40781	12 32	16.35	+15 53	13.1	3797	1987 12	24.18405	05 14	06.13	+21 45	08.6
3757	1988 01	23.36172	12 35	22.08	+16 02	45.9	3797	1988 01	23.07813	04 58	05.35	+21 31	26.1
3758	1984 03	04.03764	04 25	08.50	+24 57	54.6	3797	1988 02	19.07259	05 03	54.74	+21 49	28.3
3758	1984 04	04.02092	05 09	54.95	+27 35	47.7	3798	1987 12	24.22197	04 59	52.54	+26 04	24.1
3758	1985 03	22.35447	14 42	35.10	+03 37	25.6	3799	1987 01	28.22543	06 29	30.28	+21 51	31.8
3758	1985 04	17.29639	14 23	50.79	+05 01	08.4	3800	1984 02	09.15016	05 31	59.61	+33 39	59.1
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3760	1984 03	28.11088	06 56	44.35	+25 55	24.3	3800	1986 02	13.16295	05 57	11.31	+36 37	16.1
3760	1987 12	22.33070	07 01	42.15	+18 18	03.8	3800	1987 12	22.35236	07 33	51.64	+23 51	28.0
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3762	1985 08	06.14496	10 44	42.55	+08 12	36.9	3800	1988 02	15.07425	06 24	35.00	+39 04	21.2
3762	1987 10	22.30053	03 13	16.58	-18 37	33.0	3803	1986 10	07.23737	01 01	03.84	+22 22	55.8
3763	1987 12	24.12567	02 18	28.04	+20 01	12.9	3803	1986 12	01.04830	00 35	25.93	+15 48	29.5
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3765	1987 10	25.20101	02 28	41.95	+15 17	27.8	3804	1984 11	27.20537	02 45	56.72	+17 40	13.5
3766	1987 10	24.29832	02 24	54.72	+12 06	49.5	3804	1987 05	31.13784	13 34	45.86	-10 54	25.5
3766	1987 11	17.20733	02 06	56.95	+10 36	26.0	3804	1987 05	02.21514	13 51	54.70	-12 15	22.0
3767	1987 08	25.33104	23 59	10.01	-15 26	49.6	3805	1987 07	30.24865	22 46	24.61	-02 20	54.7
3770	1987 08	26.28365	23 21	37.10	-05 32	47.5	3805	1987 08	21.25549	22 29	57.68	-01 01	11.8
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3777	1984 03	28.20933	11 38	19.20	+07 46	55.5	3809	1988 01	17.35671	10 50	47.27	+10 53	54.1
3777	1987 02	24.15397	08 42	35.60	+24 56	08.0	3809	1985 05	25.07046	10 17	40.44	+03 16	41.1
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3780	1987 01	04.28731	05 49	13.24	+20 17	23.0	3810	1986 12	04.97204	00 02	33.28	+11 57	46.7
3780	1988 03	18.25911	11 24	42.08	+05 56	20.3	3811	1986 12	28.95911	00 22	41.68	+13 24	55.1
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3783	1988 01	23.32998	09 49	18.72	+22 48	55.0	3812	1986 10	09.97874	20 55	32.75	-14 52	00.2
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3788	1988 01	16.03515	03 46	26.28	+08 48	16.9	3814	1987 06	24.23869	17 56	05.86	-21 35	21.1
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3789	1987 11	17.36415	06 27	13.62	+22 59	17.8	3816	1986 07	08.20370	18 50	11.77	-20 14	36.3
3789	1987 11	19.33100	06 26	32.85	+23 01	28.9	3818	1986 09	02.08010	18 37	02.61	-20 20	12.4
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3790	1987 12	22.22557	04 43	00.77	+40 02	55.0	3819	1988 03	22.23360	09 39	32.94	+14 12	08.3
3792	1988 01	16.19737	04 13	48.87	+44 21	34.9	3820	1987 11	23.02976	00 15	15.23	+14 52	09.8
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3794	1987 01	28.12850	04 10	44.96	+28 02	54.0	3824	1988 03	22.23360	09 39	32.94	+14 12	08.3
3794	1988 01	16.29388	07 20	53.36	+28 14	09.2	3825	1987 11	19.28402	04 21	00.78	+19 36	51.2
3794	1988 01	23.20349	07 16	44.02	+28 16	54.5	3825	1988 01	23.01992	03 37	20.30	+19 52	22.2
3795	1987 09	24.35723	02 04	28.23	+00 19	12.3	3827	1988 02	22.25694	09 50	09.66	+13 46	52.1

3830	1987 12 22.19337	05 15 18.29	+21 51 07.7	3868	1987 05 02.05016	09 55 28.59	+12 13 50.4
3830	1987 12 22.24547	05 15 15.44	+21 50 57.0	3868	1988 06 14.24992	18 17 39.61	-09 13 46.6
3830	1987 12 24.18405	05 13 34.94	+21 44 41.9	3868	1988 07 14.20255	17 49 44.50	-09 58 05.5
3832	1983 01 18.22369	07 51 57.11	+22 33 02.4	3871	1987 02 27.11930	07 48 51.42	+07 41 07.6
3832	1983 01 20.23277	07 50 07.94	+22 37 41.2	3872	1986 11 30.29348	04 34 18.46	+12 16 46.1
3832	1987 11 21.27217	04 00 46.14	+21 32 44.6	3872	1986 12 28.13608	04 07 08.56	+13 50 25.5
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3838	1986 12 04.98974	00 42 13.75	+08 48 58.0	3878	1987 10 24.11017	23 29 00.71	-05 02 47.9
3839	1987 10 22.32341	03 13 32.23	+19 16 54.5	3878	1987 11 20.06242	23 31 51.01	-04 50 25.6
3839	1987 11 25.22057	02 41 15.49	+16 28 23.0	3879	1987 11 19.30888	05 19 23.76	+38 04 32.8
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3841	1988 03 18.17910	09 47 23.36	+21 39 06.3	3883	1988 04 14.32447	16 08 55.69	-04 34 05.4
3842	1987 12 24.20069	04 52 25.49	+30 02 52.8	3885	1988 05 13.27998	15 50 45.58	-01 11 03.0
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3853	1988 05 15.18384	13 14 00.35	+04 18 28.8	3898	1988 08 10.07857	16 52 31.50	-05 56 48.5
3856	1986 10 31.08231	23 37 29.12	-01 39 44.1	3902	1987 10 24.33195	02 46 52.25	+15 28 47.2
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				3908	1980 08 18.22500	00 05 01.50	+11 45 51.3
				3908	1980 09 04.26565	01 34 31.53	+25 29 31.4

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3908	1980	11	06.41610	07	56	59.45	+25	12	10.6	3944	1988	11	12.19606	02	07	55.97	+05	38	34.2
3908	1980	12	05.39801	07	58	30.47	+20	32	06.9	3945	1988	10	06.38914	03	05	51.75	+18	44	19.2
3908	1981	01	03.29824	07	13	30.79	+19	33	48.3	3945	1988	11	08.24878	02	41	03.13	+17	25	43.0
3908	1981	01	06.28514	07	09	06.37	+19	33	10.9	3947	1985	03	25.12758	09	02	53.26	+09	59	16.4
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3908	1988	09	09.22575	22	07	32.02	+08	22	53.2	3947	1988	10	13.29639	00	53	24.25	+13	23	25.3
3908	1988	09	12.18368	22	11	08.23	+10	24	46.5	3947	1988	11	07.11452	00	38	50.57	+10	52	16.1
3908	1988	10	07.24229	00	25	58.50	+41	55	30.6	3948	1988	06	15.19580	16	35	48.67	-16	50	58.5
3911	1979	03	28.05282	04	52	29.73	+13	49	58.5	3949	1988	09	12.26800	23	02	10.68	+01	04	19.5
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3913	1987	03	27.11596	09	27	57.22	+19	26	19.2	3949	1988	10	07.14158	22	43	00.30	-01	36	02.0
3913	1987	04	28.11381	09	49	36.02	+24	36	49.6	3950	1988	08	09.27036	21	35	51.66	-03	07	23.2
3913	1988	08	09.32991	22	52	04.00	-05	12	22.3	3957	1988	11	10.29127	03	06	14.46	+11	12	02.5
3913	1988	09	09.24826	22	26	49.51	-12	04	26.0	3957	1988	11	12.21824	03	04	40.41	+11	03	32.2
3919	1988	06	14.18740	17	18	55.71	-14	35	17.6	3959	1988	11	12.26670	03	32	09.44	+16	25	37.6
3919	1988	08	10.09973	17	05	54.03	-17	35	39.6	3960	1986	04	14.36676	16	11	47.95	-09	34	04.6
3920	1985	08	13.35017	01	26	07.98	-05	12	15.2	3960	1986	05	11.26221	15	50	39.21	-09	07	46.9
3920	1985	09	12.31009	01	47	37.44	-09	17	10.4	3960	1988	09	12.38352	02	37	37.76	-06	20	17.7
3920	1986	06	14.16654	17	11	30.40	-12	48	26.5	3961	1988	12	09.94749	01	40	27.89	-04	49	24.2
3921	1988	06	12.20823	18	22	57.50	-05	38	46.6	3962	1988	12	07.25376	05	00	28.81	+24	03	15.0
3921	1988	07	14.22102	17	53	55.88	-06	52	04.0	3962	1988	12	10.17155	04	57	49.81	+24	01	03.9
3923	1987	02	24.33425	11	50	50.43	+02	39	41.0	3964	1988	11	10.26935	02	17	23.95	+28	53	55.9
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3924	1988	10	13.06334	21	44	17.56	-11	45	24.5	3965	1987	07	24.14631	19	22	10.25	-18	57	43.8
3925	1988	08	13.30807	23	10	09.30	-02	33	51.0	3965	1988	12	06.21047	03	54	56.73	+34	01	10.3
3925	1988	09	09.28611	22	55	19.00	-07	05	56.6	3967	1988	11	11.40371	08	23	31.09	+20	41	00.9
3926	1986	10	30.24705	02	56	42.79	+21	16	49.4	3967	1988	11	12.38166	08	23	58.70	+20	44	02.3
3927	1987	02	28.20058	09	22	41.28	+12	05	57.6	3967	1988	12	05.42329	08	28	38.96	+22	27	52.6
3928	1983	01	14.25068	08	21	01.11	+17	27	08.1	3967	1988	12	06.39933	08	28	34.00	+22	33	44.4
3928	1985	12	13.31577	05	25	22.78	+23	44	10.1	3968	1988	08	10.23471	21	20	10.41	-14	18	30.3
3928	1987	05	02.11702	11	32	15.09	-00	51	18.8	3969	1988	11	08.33910	04	11	51.05	+17	19	54.1
3928	1988	09	15.33410	01	39	49.45	+15	13	04.4	3969	1988	11	11.31212	04	09	03.99	+17	08	29.2
3928	1988	10	06.22193	01	24	28.13	+13	53	23.1	3970	1988	12	07.37096	06	27	33.66	+44	32	02.7
3929	1987	05	02.19563	13	29	07.77	-05	15	59.8	3970	1988	12	10.33617	06	24	01.74	+44	47	35.8
3929	1988	08	13.28962	22	38	03.30	-08	19	02.3	3970	1988	12	13.28792	06	20	19.27	+45	01	07.3
3929	1988	09	14.17758	22	12	35.35	-11	51	02.2	3970	1989	01	06.29632	05	48	30.17	+45	26	38.5
3931	1988	04	19.20883	13	15	29.51	-13	57	42.6	3970	1989	01	11.31973	05	42	49.68	+45	13	41.1
3932	1988	10	07.16195	22	59	31.12	+08	57	52.0	3971	1988	10	12.33435	01	37	07.30	+33	05	50.6
3933	1982	07	25.22772	23	02	14.57	-08	38	24.9	3971	1988	11	08.16474	01	15	32.88	+29	55	55.7
3934	1988	08	10.21871	21	20	08.82	-07	56	21.3	3977	1988	10	06.34756	02	44	11.67	+17	44	41.3
3934	1988	09	12.09496	21	00	02.26	-13	18	52.7	3977	1988	11	08.23297	02	17	49.07	+13	07	49.8
3936	1988	08	09.29242	22	11	44.64	-00	18	22.5	3979	1985	03	21.21391	09	18	11.21	+16	48	06.9
3936	1988	09	09.17317	21	46	06.65	-02	54	33.5	3981	1988	11	07.24376	03	27	03.93	+16	48	47.3
3937	1988	10	07.11499	22	37	30.01	-10	56	11.7	3981	1988	11	08.29590	03	26	11.99	+16	46	26.7
3937	1988	10	13.10229	22	34	58.29	-10	53	48.6	3982	1988	10	07.21135	00	05	08.89	+10	44	29.3
3937	1988	11	10.07817	22	33	24.14	-09	50	05.0	3982	1986	04	13.05744	07	21	40.76	+22	49	36.9
3937	1988	11	12.97782	22	34	11.31	-09	38	49.9	3983	1988	09	12.22283	00	44	58.97	+08	18	18.2
3938	1987	03	30.15679	10	20	04.34	+10	55	25.0	3983	1988	10	14.32489	03	17	58.76	+13	17	33.8
3938	1987	04	27.10878	10	17	40.54	+11	26	39.6	3983	1988	11	10.22283	00	44	58.97	+08	18	18.2
3938	1988	07	14.25943	19	48	40.50	-18	35	18.8	3984	1988	11	08.27003	02	56	42.81	+12	03	36.3
3938	1988	08	09.16362	12	36	04.48	-19	54	00.6	3984	1988	11	11.38326	05	39	43.94	+19	37	20.0
3940	1987	06	29.10920	19	26	42.92	+07	44	29.4	3985	1988	11	12.34538	05	39	10.05	+19	40	02.1
3940	1988	09	12.35854	00	49	09.71	+14	01	02.4	3985	1988	12	06.28187	05	19	22.29	+20	52	50.8
3940	1988	10	07.26243	00	29	12.93	+05	46	09.8	3985	1988	10	07.21135	00	05	08.89	+10	44	29.3
3942	1988	09	14.31718	00	22	54.95	-03	30	19.9	3988	1986	07	04.11196	14	49	55.37	+16	39	20.2
3942	1988	10	12.15593	23	38	20.42	-04	24	55.3	3988	1986	07	08.11551	14	54	13.72	+18	22	19.7
3943	1988	11	08.35756	04	17	01.88	+31	03	06.0	3988	1986	08	05.10814	15	49	56.85	+27	13	25.1
3943	1988	11	10.30977	04	14	54.39	+31	07	20.0	3988	1986	09	01.07182	17	29	46.19	+31	10	55.1
3944	1986	02	09.17820	08	37	52.25	+29	21	48.0	3988	1986	10	01.00532	20	18	35.14	+24	13	37.8
3944	1987	04	27.27707	15	06	06.53	-11	48	29.6	3988	1986	10	29.06784	22	38	52.63	+10	24	45.7

4002	1988 11 11.42133	08 59 45.14	+15 12 36.2	4044	1989 01 11.07013	03 23 48.58	+12 24 35.5
4002	1988 11 12.40962	09 00 32.32	+15 12 46.3	4045	1988 10 12.29621	01 28 53.12	+20 30 36.4
4002	1988 12 05.44562	09 12 57.00	+15 53 41.6	4045	1988 11 08.14185	01 11 18.55	+16 04 40.6
4002	1988 12 07.39814	09 13 25.41	+16 01 00.6	4046	1988 12 10.23958	06 06 14.18	+13 06 22.5
4003	1988 12 06.37568	07 19 46.69	+15 35 21.7	4050	1987 08 24.25288	21 55 49.96	-12 41 34.3
4003	1988 12 10.39967	07 17 39.30	+15 34 57.9	4050	1988 11 08.38167	05 11 04.28	+20 50 12.3
4004	1985 03 25.27741	12 19 31.78	+04 09 52.5	4050	1988 11 11.35874	05 09 23.88	+20 47 10.6
4004	1988 12 07.34869	06 16 42.56	+45 09 50.1	4056	1986 07 08.25043	19 29 48.45	-10 47 21.9
4004	1988 12 10.31220	06 13 25.00	+45 22 07.1	4056	1988 12 07.44276	09 45 01.69	+07 36 07.1
4004	1989 01 06.31492	05 41 49.46	+45 38 34.1	4056	1989 02 09.96728	01 00 23.04	+06 41 23.6
4008	1988 03 16.21786	10 25 36.48	+08 24 53.4	4057	1986 10 29.38081	04 04 07.82	+22 47 57.9
4010	1986 11 28.34851	06 09 32.26	+30 05 44.8	4057	1986 10 31.35202	03 47 22.98	+22 46 30.6
4010	1988 03 18.30055	11 30 58.60	-02 30 57.0	4057	1986 11 28.23610	03 47 22.98	+22 46 30.6
4011	1988 12 07.22953	04 52 26.91	+23 59 12.8	4057	1988 01 16.24518	06 50 27.36	+26 31 13.4
4011	1988 12 10.12827	04 48 59.94	+23 55 11.6	4057	1988 02 15.10537	06 37 11.84	+26 33 37.5
4012	1986 02 09.07735	07 28 24.83	+15 19 13.2	4057	1989 02 08.36114	09 48 04.09	+16 37 23.5
4012	1988 12 07.08756	02 34 54.28	+16 16 21.7	4057	1989 02 09.28943	09 47 33.83	+16 39 51.9
4012	1988 12 07.08756	02 34 54.38	+16 16 20.5	4057	1989 03 11.12208	09 32 24.67	+17 44 04.7
4012	1989 01 06.01297	02 42 15.66	+15 12 48.9	4058	1988 12 06.19495	03 53 25.50	+21 12 33.1
4014	1986 11 30.31094	04 45 12.74	+22 55 05.2	4058	1988 12 10.10649	03 50 02.21	+21 13 29.1
4015	1987 02 26.07406	04 26 57.77	+21 51 39.9	4058	1989 01 10.98844	03 33 36.53	+21 35 20.1
4015	1979 11 16.96344	01 43 47.69	+24 57 30.3	4059	1988 11 12.32605	05 26 58.95	+19 52 41.9
4015	1979 11 16.97740	01 43 53.87	+24 57 26.1	4059	1988 12 05.33731	05 09 26.72	+18 33 34.9
4015	1979 11 17.14603	01 45 02.49	+24 55 59.8	4060	1988 12 07.41993	09 25 44.81	+03 30 06.9
4015	1979 11 22.18951	01 45 06.54	+24 55 54.3	4060	1988 12 08.41496	09 25 48.30	+03 29 07.2
4015	1979 11 28.28679	02 39 55.35	+23 07 58.8	4064	1987 10 24.15550	23 33 26.37	+02 46 30.9
4015	1979 12 11.25071	03 13 22.68	+21 41 34.3	1931 UE	1988 02 17.16922	08 11 33.25	+22 05 39.2
4015	1979 12 18.06135	03 25 51.37	+21 15 28.2	1931 UE	1988 02 22.02999	08 08 16.58	+21 41 15.6
4015	1980 01 14.06061	04 06 23.79	+20 56 03.0	1931 UE	1988 03 18.12331	08 05 32.16	+19 22 11.3
4015	1980 02 11.02976	04 48 02.52	+21 34 54.1	1940 WA	1987 12 16.95975	21 24 02.79	+00 57 55.7
4017	1986 10 08.37186	02 58 02.07	+17 05 19.3	1940 WA	1987 12 18.94721	22 02 26.59	+01 50 16.3
4017	1986 10 29.24625	02 40 59.49	+16 22 18.8	1940 WA	1989 01 04.25136	06 00 39.21	+14 54 51.6
4017	1986 10 30.22453	02 40 52.56	+16 19 26.8	1940 WA	1989 02 08.05133	05 43 29.74	+13 21 56.9
4017	1986 11 30.17072	02 13 46.26	+14 51 11.9	1941 WA	1985 03 20.09112	07 56 36.18	+23 51 20.0
4020	1987 06 24.27839	19 48 07.88	-06 07 44.7	1942 DB	1986 12 01.31617	04 40 00.25	+40 00 28.5
4020	1987 07 23.13091	19 25 22.85	-06 36 38.5	1942 DB	1986 12 28.28942	04 10 44.79	+37 49 41.1
4020	1988 12 07.20565	04 55 10.91	+09 03 18.0	1942 DB	1987 02 26.05374	04 18 57.40	+32 18 19.6
4020	1988 12 10.15188	04 52 29.57	+08 54 40.5	1948 KF	1984 11 26.29636	04 24 06.29	+21 55 42.6
4021	1988 10 13.25182	00 32 13.31	-01 12 28.3	1948 KF	1984 12 24.15516	03 54 10.51	+22 05 22.6
4021	1988 12 07.03878	02 29 14.76	+01 50 53.7	1949 GH	1988 10 12.10114	21 54 27.45	+00 39 49.6
4022	1987 05 02.17246	12 43 37.66	-13 23 37.5	1949 GH	1988 11 07.08974	22 01 31.17	-02 01 22.0
4022	1988 11 12.11412	00 22 44.46	+10 57 02.3	1952 HJ2	1989 03 09.20150	08 52 06.73	+18 59 37.0
4022	1988 12 06.05945	00 27 42.29	+09 53 30.7	1952 QX	1987 02 26.10923	05 12 39.55	+23 10 01.5
4023	1986 04 13.08574	09 26 25.84	+12 27 09.7	1955 SF	1988 09 14.26690	23 51 56.53	+03 03 08.9
4023	1987 06 25.21684	18 27 34.44	-21 35 19.1	1955 SF	1988 10 13.15551	23 28 15.25	+02 16 48.1
4024	1988 11 08.31620	04 00 57.19	+20 46 43.2	1959 LM	1987 07 23.17068	19 58 02.85	-19 52 02.6
4024	1988 11 11.29501	03 57 47.05	+20 52 26.8	1959 LM	1987 07 29.19323	19 47 07.58	-19 58 41.9
4025	1986 02 09.32196	11 04 58.73	+06 38 47.2	1964 TG2	1986 01 12.02955	01 45 36.77	+14 09 05.1
4025	1987 06 25.19604	17 29 50.31	-18 37 14.6	1964 VE	1983 01 14.07280	03 24 10.52	-10 21 04.5
4025	1989 02 09.06041	06 35 12.09	+20 32 58.4	1966 PK	1987 09 26.28318	00 01 50.31	-03 42 16.5
4030	1988 04 19.17612	11 29 17.08	-01 25 18.3	1966 PK	1987 10 24.17371	23 45 13.57	-04 57 11.2
4031	1985 04 17.18315	09 11 54.70	+22 05 46.8	1966 TE	1987 02 27.18454	12 18 56.46	-09 50 53.8
4032	1988 11 10.10396	23 16 15.12	-06 26 11.8	1966 TP	1989 02 09.31809	09 54 48.46	+13 36 29.6
4034	1986 08 10.18648	19 32 48.63	-01 42 24.3	1966 TP	1989 03 10.17625	09 28 34.25	+14 29 21.6
4034	1986 09 02.05451	18 18 30.57	-14 10 26.9	1969 TR1	1986 12 01.00491	00 18 16.17	+04 13 53.4
4035	1988 01 23.17984	07 02 23.04	+10 07 57.4	1970 OF	1988 10 13.32090	02 14 09.63	+25 40 40.5
4035	1989 02 09.22571	09 25 24.18	-00 38 19.7	1970 OF	1988 11 08.19680	01 51 08.65	+24 11 23.3
4043	1988 10 07.30252	00 51 40.61	+15 45 07.3	1970 WC	1988 11 12.17399	01 12 03.58	+11 54 15.0
4043	1988 12 10.00115	00 29 37.29	+11 49 54.1	1971 QP1	1987 11 23.10257	00 21 20.85	+14 48 14.7
4044	1988 11 12.28707	04 00 03.14	+10 29 26.3	1972 RB	1972 10 04.22088	00 28 40.74	-04 31 02.2
4044	1988 12 06.17892	03 39 17.73	+10 37 28.2	1972 RB	1972 10 05.26961	00 30 53.97	-04 38 15.2

1972 RB	1972 10	18.28391	00 51	51.66	-05 11	50.0	1975 VF10*	1975 11	05.20770	03 12	12.28	+15 27	03.5
1972 RH	* 1972 09	04.13600	22 42	17.88	-06 23	31.4	1975 VG10*	1975 11	05.20770	03 13	01.78	+15 24	02.4
1972 RH	1972 09	05.20593	22 41	08.46	-06 25	20.1	1975 XP3	1984 03	27.26503	13 01	28.64	-07 13	22.3
1972 RH	1972 09	06.20116	22 40	04.27	-06 26	59.5	1975 XP3	1984 05	06.18585	12 28	16.12	-04 26	18.2
1973 SM	1987 12	18.29429	05 49	24.01	+21 10	19.9	1976 DF	* 1976 02	23.31486	11 43	37.30	-00 02	20.4
1973 SM	1988 01	16.16803	05 33	55.20	+21 03	54.2	1976 EC	* 1976 03	08.14344	09 16	30.39	+14 17	13.2
1973 SM	1988 01	23.15393	05 31	11.41	+21 03	21.6	1976 EC	1976 03	08.14344	09 16	30.39	+14 20	35.1
1973 SM	1988 12	08.38068	08 28	59.01	+16 33	00.2	1976 EC	1976 03	30.10308	09 15	58.49	+14 23	54.7
1973 SM	1989 01	06.36201	08 18	01.60	+17 01	58.4	1976 EC	1976 03	01.06155	09 22	44.06	+14 38	08.7
1973 SW	1989 02	02.17202	06 46	48.20	+03 04	24.7	1976 EC	1976 05	01.06155	13 39	17.35	-17 05	43.4
1973 SW	1989 02	08.12488	06 44	41.02	+03 26	11.2	1976 FB	* 1976 03	27.25270	15 05	55.06	-05 57	34.5
1973 SW4	1985 12	20.24658	07 46	24.06	+23 37	36.8	1976 GJ2	1985 07	19.07427	11 34	12.63	+04 31	35.4
1973 SW4	1986 01	10.25928	07 24	23.87	+24 04	53.6	1976 GU3	1987 05	31.09280	11 34	12.63	-11 54	17.8
1973 SW4	1986 02	04.15987	07 00	18.92	+24 07	56.0	1976 GQ6	1987 08	24.05448	17 38	24.08	-00 56	10.8
1973 UC	1973 12	19.18685	02 11	59.52	+20 48	36.0	1976 GQ6	1988 09	14.33858	01 05	45.49	-03 54	02.5
1973 UC	1973 12	24.19843	02 13	35.73	+20 59	24.7	1976 GQ6	1988 10	07.28437	00 50	44.77	+05 46	28.1
1974 CB	* 1974 02	14.20970	08 30	00.29	+21 22	27.4	1976 GM7	1987 02	27.29790	10 05	37.37	+05 46	28.1
1974 CB	1974 02	16.14141	08 28	19.47	+21 18	58.1	1976 GM7	1987 04	02.07367	09 49	30.26	+09 24	17.1
1974 CB	1974 02	16.21738	08 28	15.41	+21 18	47.4	1976 G08	1987 02	25.33254	11 29	29.83	+04 35	19.0
1974 CB	1974 02	18.19114	08 26	39.87	+21 14	46.2	1976 JD11*	1976 05	01.08500	12 05	04.74	-02 07	49.6
1974 CB	1974 02	18.26181	08 26	36.32	+21 14	36.2	1976 SA	* 1976 09	23.21376	23 36	18.46	-05 19	36.9
1974 CB	1974 03	13.10424	08 19	01.77	+19 58	28.3	1976 SA	1976 09	25.11828	23 34	52.95	-05 33	34.9
1974 CB	1974 03	14.09670	08 19	10.48	+19 54	07.9	1976 SB	* 1976 09	25.34429	23 34	42.44	-05 35	09.7
1974 CB	1974 04	17.07170	08 43	49.39	+16 43	30.1	1976 SB	1976 09	23.21376	23 36	22.68	-05 25	44.3
1974 CC	* 1974 02	14.20970	08 30	41.65	+21 23	04.7	1976 SB	1976 09	25.11828	23 35	16.95	-05 47	17.6
1974 CC	1974 02	16.14141	08 29	07.64	+21 35	11.2	1976 SB	1976 09	25.34429	23 35	08.76	-05 49	48.2
1974 CC	1974 02	16.21738	08 29	03.88	+21 35	38.4	1976 SB	1976 10	23.10579	23 27	21.15	-09 21	41.1
1974 CD	* 1974 02	14.20970	08 30	36.40	+21 05	51.5	1976 SB	1976 10	24.17269	23 27	27.15	-09 25	17.0
1974 CD	1974 02	18.19114	08 27	51.07	+21 15	24.0	1976 SB	1976 11	18.97778	23 39	33.09	-09 15	49.4
1974 CD	1974 02	18.26181	08 27	48.22	+21 15	32.9	1976 S29	1988 12	06.23366	04 53	57.42	+27 59	21.3
1974 DA	* 1974 02	16.14141	08 28	05.89	+21 28	20.8	1976 SV10*	1976 09	25.31590	02 27	07.91	+17 42	08.1
1974 GA	* 1974 04	11.18966	12 25	55.47	+01 09	49.3	1976 SV10	1986 01	13.04170	01 35	46.08	+12 12	21.8
1974 ST	1985 09	18.10304	21 17	37.01	-18 28	32.6	1976 WC	1976 12	27.28560	07 25	29.22	-24 34	09.4
1974 VG	1985 09	17.33034	01 38	45.35	+01 01	00.6	1976 WC	1977 02	16.17756	07 16	38.50	-19 53	40.4
1974 VG	1985 11	09.13020	00 59	57.95	-00 20	45.0	1976 WC	1977 02	22.13362	07 19	25.23	-00 46	21.6
1974 WB	* 1974 11	16.30017	03 08	30.19	+28 24	07.0	1976 WC	1977 03	18.11748	07 46	26.30	+09 57	58.7
1974 WB	1974 11	17.10325	03 07	48.99	+28 15	28.7	1976 WC	1977 04	19.11132	08 41	49.63	+17 08	07.5
1974 WB	1974 11	18.13084	03 06	56.18	+28 04	19.3	1976 WD	* 1976 11	20.36187	06 41	37.44	+22 35	52.9
1974 WB	1974 11	19.07542	03 06	08.26	+27 53	53.8	1976 WE	* 1976 11	21.05465	01 38	42.98	+27 28	47.5
1974 WB	1974 12	13.04449	02 52	09.08	+23 22	37.3	1976 WE	1976 11	22.17493	01 37	53.63	+27 25	23.4
1974 WB	1974 12	16.01106	02 51	35.80	+22 52	26.6	1976 YA	* 1976 12	16.23368	03 28	55.36	+16 18	21.8
1974 WB	1974 12	18.98922	02 51	20.50	+22 23	46.0	1976 YC	* 1976 12	22.20363	05 23	23.88	+20 23	11.2
1974 WB	1975 01	08.13027	02 57	22.16	+19 58	20.5	1976 YD	* 1976 12	22.20363	05 24	20.29	+20 31	13.6
1974 WB	1975 03	06.04229	04 07	24.52	+19 00	32.5	1976 YE	* 1976 12	27.24547	08 26	06.79	+10 36	37.0
1975 JQ	* 1975 05	11.22133	15 15	00.70	-15 14	25.8	1976 YH	* 1976 12	16.07041	01 40	10.90	+10 18	33.9
1975 QO	1985 01	22.99476	02 59	06.60	+31 36	15.0	1976 YP1	1986 10	30.05504	22 01	02.15	-13 02	32.2
1975 TJ6	1986 10	07.19508	00 36	52.99	-16 58	24.5	1976 YV3	1976 12	28.25411	06 10	39.67	+21 08	14.0
1975 TJ6	1988 03	17.36369	13 38	39.46	+09 06	28.8	1976 YW7	* 1976 12	28.25411	06 10	39.67	+21 08	14.0
1975 VC	* 1975 11	03.14072	01 52	19.72	+18 16	44.1	1977 AA	* 1977 01	13.27671	08 08	40.50	+11 13	34.8
1975 VC	1975 11	04.05709	01 51	34.81	+18 07	46.7	1977 BA	* 1977 01	16.26589	10 00	20.50	+19 23	47.3
1975 VC	1975 11	05.10782	01 50	43.73	+17 57	31.1	1977 BB	* 1977 01	21.18960	08 14	57.81	+14 11	14.4
1975 VC	1975 11	06.23488	01 49	50.42	+17 46	26.9	1977 BC	* 1977 01	21.24762	08 11	56.66	+08 14	16.3
1975 VD	* 1975 11	03.14072	01 53	38.01	+18 22	01.8	1977 BD	* 1977 01	22.21952	08 26	51.74	+13 49	33.4
1975 VD	1975 11	04.05709	01 52	44.16	+18 20	06.5	1977 CD	1988 04	18.27483	13 50	23.18	+07 55	04.2
1975 VD	1975 11	05.10782	01 51	43.71	+18 17	50.5	1977 CD	1988 03	22.32607	14 10	30.24	-01 48	22.2
1975 VD	1975 11	06.23488	01 50	40.19	+18 15	22.3	1977 DB	* 1977 02	16.29146	09 37	30.34	+23 27	46.3
1975 VD	1975 12	02.01366	01 37	32.65	+17 31	24.1	1977 DC	* 1977 02	16.24199	09 42	31.13	+13 46	32.6
1975 VD	1975 12	04.01396	01 37	32.30	+17 30	41.0	1977 DD	* 1977 02	18.30448	11 47	25.59	-03 19	47.2
1975 VD	1976 02	05.05259	02 35	33.13	+21 07	04.2	1977 DD	1977 02	19.26883	11 46	58.64	-03 12	44.5
1975 VP	1988 12	06.16361	03 38	17.00	+12 39	22.8	1977 DF	* 1977 02	17.26039	10 48	38.93	+12 59	14.1
1975 VS5	1983 01	09.29528	08 26	06.53	+10 02	56.2	1977 DG	* 1977 02	17.26039	10 49	36.05	+12 58	50.4
1975 VS5	1983 01	21.22045	08 14	07.11	+11 11	27.0	1977 DG	1977 02	22.26589	10 44	21.11	+13 23	18.0

1977 DH	*	1977 02	17.26039	10 48 58.87	+12 42 18.7	1978 FB	*	1978 03	16.10804	08 57 59.72	+17 38 02.0
1977 DH		1977 02	22.29589	10 44 47.92	+13 12 59.3	1978 GA	*	1978 04	07.11943	09 02 34.25	+17 00 37.9
1977 DN4		1986 12	01.22524	02 55 26.23	+13 22 25.2	1978 GA		1978 04	09.08677	09 03 52.46	+17 00 53.6
1977 DY8		1988 10	06.32594	02 34 46.09	+14 51 06.2	1978 GA		1978 04	10.10081	09 04 35.19	+17 03 45.8
1977 DY8		1988 11	11.24905	01 58 38.98	+13 17 54.7	1978 GA		1978 05	08.13583	09 33 01.24	+16 21 28.9
1977 DY8		1988 12	06.11533	01 44 30.54	+12 44 50.1	1978 GA		1978 05	12.07553	09 38 04.51	+16 06 16.6
1977 DH11*		1977 02	22.29589	10 44 21.11	+13 23 18.0	1978 JA	*	1978 05	08.13583	09 34 30.79	+16 08 09.8
1977 DJ11*		1977 02	22.29589	10 44 47.92	+13 12 59.3	1978 JD	*	1978 05	02.27373	14 43 48.22	-14 34 18.4
1977 FB	*	1977 03	17.13911	09 45 54.85	+13 47 41.0	1978 NN1		1983 10	09.00651	21 55 36.33	-17 55 21.1
1977 FB		1977 03	18.20576	09 45 23.75	+13 51 13.4	1978 NN1		1988 09	12.32223	00 44 28.24	-04 32 18.3
1977 FB		1977 03	20.13436	09 44 31.14	+13 57 14.2	1978 NN1		1988 10	12.19540	00 23 54.60	-08 23 55.7
1977 FB		1977 03	22.16668	09 43 41.04	+14 03 06.4	1978 PG3		1989 03	10.34436	12 03 59.32	-08 58 04.7
1977 FE	*	1977 03	27.29155	12 40 43.27	+04 30 59.8	1978 PQ4	*	1978 08	14.24025	22 49 48.65	-15 00 30.3
1977 GB	*	1977 04	15.11703	10 06 48.66	+14 25 37.3	1978 QC	*	1978 08	30.22222	22 46 50.01	-06 15 28.2
1977 HE	*	1977 04	22.11594	11 09 46.38	-00 07 38.7	1978 RD	*	1978 09	06.25961	22 43 02.19	-02 09 42.9
1977 PA	*	1977 08	15.28325	01 08 28.97	+07 12 38.5	1978 RS		1985 12	16.23548	03 36 05.24	+22 35 47.9
1977 PE1	*	1986 07	08.27299	19 40 04.03	-14 41 18.8	1978 RS		1988 08	10.25725	21 34 12.68	-14 02 01.9
1977 QA	*	1977 08	18.29833	23 10 58.56	-04 48 35.2	1978 RS		1988 09	16.10563	21 07 39.78	-15 07 38.7
1977 QW2		1988 08	13.23330	22 20 17.38	-02 24 00.1	1978 RJ2		1982 11	16.26983	06 03 55.03	+26 00 33.7
1977 QW2		1988 09	13.13474	21 59 08.88	-06 38 24.1	1978 RJ2		1982 12	18.24267	05 35 05.57	+25 52 04.9
1977 RG	*	1977 09	09.21346	22 52 14.90	-06 13 23.1	1978 RN5		1987 12	24.02977	01 03 45.42	+21 20 46.8
1977 RG		1977 09	11.19988	22 50 47.40	-06 29 18.8	1978 RO6	*	1978 09	10.35412	04 19 18.61	+38 19 56.6
1977 RG		1977 09	12.16281	22 50 05.28	-06 37 00.8	1978 SS	*	1978 09	26.25509	00 14 07.08	+02 14 42.0
1977 RG		1977 09	15.14484	22 47 57.60	-07 00 27.0	1978 SS		1978 09	27.15116	00 13 26.27	+02 09 37.8
1977 RG		1977 10	07.16186	22 36 01.74	-09 24 02.2	1978 SS		1978 09	28.24167	00 12 36.28	+02 03 28.8
1977 RG		1977 10	16.09317	22 33 54.14	-10 01 43.1	1978 SS	*	1978 10	03.13363	00 08 54.52	+01 35 52.6
1977 RG		1977 12	11.96641	22 59 31.27	-09 11 01.6	1978 ST	*	1978 09	26.25509	00 13 18.45	+02 17 27.1
1977 RG		1985 04	25.06113	11 49 28.54	+06 48 42.0	1978 ST		1978 09	27.15116	00 12 23.71	+02 15 56.6
1977 RO7		1988 09	12.29134	23 30 20.06	-01 19 27.8	1978 SU	*	1978 09	28.28334	00 11 54.70	+02 04 20.0
1977 RO7		1988 10	13.12978	23 10 32.21	-04 53 22.2	1978 SE1		1982 11	09.06342	23 58 51.61	-12 10 25.3
1977 RE8	*	1977 09	12.27034	23 48 18.66	-05 11 56.8	1978 TQ1		1986 11	30.03542	23 57 11.89	-12 08 00.3
1977 SN		1987 02	25.36196	11 37 40.89	+10 32 32.6	1978 UB	*	1978 10	28.05383	23 56 04.28	+00 21 30.4
1977 SN		1987 03	29.19982	11 07 45.90	+13 46 33.2	1978 UB		1978 10	30.15258	23 55 08.28	+00 19 28.9
1977 SN		1988 10	06.24077	00 55 59.07	-03 25 28.4	1978 UC	*	1978 10	28.17214	02 28 21.06	+17 28 25.4
1977 TG7		1988 10	13.22953	00 26 15.65	-01 15 29.5	1978 UC2	*	1978 10	30.21818	03 15 20.98	+15 07 04.7
1977 TG7		1988 12	07.01280	00 13 50.64	-01 19 42.4	1978 UD2	*	1978 10	30.21818	03 16 17.82	+15 31 28.1
1977 UC	*	1977 10	16.12255	22 56 53.02	+15 50 42.2	1978 UD2	*	1978 10	28.14080	01 48 53.38	+11 54 09.8
1977 UD	*	1977 10	22.23849	01 20 49.89	+03 34 32.0	1978 UT2	*	1978 10	28.14080	01 49 11.26	+11 43 50.5
1977 UE	*	1977 10	16.17337	23 26 37.06	-06 56 40.2	1978 UV2	*	1978 10	28.14080	01 51 09.79	+12 06 13.2
1977 UF	*	1977 10	16.17337	23 25 33.26	-07 07 52.8	1978 VB		1988 12	10.28553	05 22 54.93	+45 27 44.1
1977 UG	*	1977 10	16.17337	23 27 10.86	-07 24 53.5	1978 VB		1988 12	13.25796	05 19 11.31	+45 23 19.0
1977 UP		1982 03	01.27569	10 23 13.68	+12 20 15.6	1978 VV2	*	1978 11	10.35507	06 50 49.48	+24 26 06.8
1977 UJ2	*	1977 10	22.25978	02 32 35.04	+16 01 42.5	1978 VV6		1981 11	03.12692	23 36 51.11	-05 20 40.5
1977 VA		1977 11	12.10874	02 35 30.78	+13 33 48.6	1978 VV6		1981 11	25.99799	23 48 55.79	-02 57 52.4
1977 VA		1977 11	18.24909	02 54 00.98	+12 49 17.2	1978 VL7		1987 08	25.31011	23 15 52.83	-00 36 59.5
1977 VA		1977 12	08.15050	03 41 29.28	+11 54 03.0	1978 VS16*		1978 11	02.21343	01 11 50.73	+14 43 11.6
1977 VA		1977 12	12.17731	03 49 10.93	+11 59 53.7	1978 WB	*	1978 11	27.15345	05 27 50.36	+24 32 00.4
1977 VA		1978 01	12.15080	04 41 44.62	+14 31 14.2	1978 WB		1978 11	29.30698	05 25 44.78	+24 33 59.2
1977 XK	*	1977 12	08.25666	07 34 41.01	+39 43 02.1	1978 WB		1978 12	03.17294	05 21 46.36	+24 36 56.1
1977 YC	*	1977 12	10.34265	07 29 58.11	+23 41 24.2	1978 WB		1978 12	06.17353	05 18 31.94	+24 38 37.2
1978 AJ	*	1978 01	12.38473	08 42 13.66	+29 49 13.2	1978 WB		1978 12	07.23796	05 17 21.57	+24 39 04.5
1978 BH	*	1978 01	31.23047	09 26 00.57	+15 04 15.9	1978 WB		1978 12	28.14083	04 55 49.58	+24 36 44.7
1978 BH		1978 02	01.31987	09 24 51.93	+15 11 45.8	1978 WB		1978 12	29.08102	04 55 03.38	+24 36 19.2
1978 CA		1978 03	08.30343	09 56 23.49	+28 23 18.0	1978 XB	*	1978 12	06.17353	05 18 14.98	+24 39 01.6
1978 CC	*	1978 02	04.22873	09 23 57.94	+15 16 44.6	1978 XB		1978 12	07.23796	05 17 04.29	+24 36 00.3
1978 CC		1978 02	12.16391	09 17 28.87	+15 53 29.6	1978 XE	*	1978 12	02.12416	04 19 16.95	+21 37 33.4
1978 CD	*	1978 02	03.33703	10 47 57.46	+26 51 52.1	1978 XF	*	1978 12	07.31416	06 02 43.33	+12 49 05.1
1978 CE	*	1978 02	10.32237	11 10 52.24	+13 09 30.9	1978 YD	*	1978 12	29.22559	09 08 19.42	+20 06 24.7
1978 CS	*	1978 02	03.00762	00 24 36.68	+04 11 20.1	1979 BF	*	1979 01	20.18690	05 52 39.15	+21 58 29.9
1978 EG	*	1978 03	11.23712	09 15 00.29	+14 46 49.6	1979 CA	*	1979 02	04.24791	08 43 23.74	+18 45 03.5
1978 EH	*	1978 03	08.26637	10 34 14.11	+18 25 54.7	1979 DF		1979 05	01.20480	10 44 19.27	+21 23 47.1
1978 FA	*	1978 03	16.10804	08 57 28.41	+17 37 15.0	1979 DJ	*	1979 02	28.26968	10 07 35.98	+13 51 13.9

1980 RL1	* 1980 09 12.17096	23 03 27.82	+03 35 33.3	1981 GAL	* 1981 04 10.29869	13 58 09.02	-13 59 15.9
1980 RL1	1980 09 16.16565	22 59 42.66	+03 04 52.9	1981 GB1	* 1981 04 11.25388	13 56 20.94	-14 00 55.6
1980 RS2	1987 09 24.38506	04 30 50.90	+24 53 20.4	1981 GL1	* 1981 04 07.33302	12 38 39.50	-02 03 51.9
1980 SR	1987 12 22.13658	03 54 25.62	+20 08 48.2	1981 GL1	* 1981 04 07.33302	15 30 41.00	-06 04 24.3
1980 SR	1980 09 19.31861	00 08 52.00	+01 45 19.9	1981 GM1	* 1981 04 01.15139	11 34 08.49	+03 40 42.4
1980 ST	* 1980 09 16.26265	01 15 03.81	+03 51 43.2	1981 GN1	* 1981 04 01.15139	11 34 35.21	+03 31 03.2
1980 TA	* 1980 10 11.04096	23 21 21.43	-09 42 44.0	1981 GO1	* 1981 04 07.22088	11 30 08.48	+04 25 21.1
1980 TA	1980 10 13.07274	23 20 16.67	-09 52 47.6	1981 GP1	* 1981 04 03.16176	11 32 17.89	+03 52 49.7
1980 TA	1980 10 14.09507	23 19 46.43	-09 57 24.9	1981 GS1	* 1981 04 03.16176	01 24 54.01	-00 31 07.6
1980 TY14	1988 01 16.31050	07 37 31.66	+32 14 35.5	1981 KE	1982 12 14.96271	01 31 53.38	+08 40 09.2
1980 VC	* 1980 11 03.25829	01 55 25.37	+07 58 28.3	1981 KE	1983 01 08.03091	01 41 43.53	+12 37 33.4
1980 VC	1980 11 06.15595	01 52 49.76	+07 56 21.9	1981 LM	* 1981 06 03.22119	15 45 49.33	-20 48 38.7
1980 VD	* 1980 11 03.25829	01 56 07.59	+07 54 08.4	1981 PF	* 1981 08 08.24263	22 01 33.36	-08 43 22.4
1980 VE	* 1980 11 06.15595	01 51 48.64	+08 00 26.8	1981 PF	1981 08 29.14972	21 54 00.58	-15 14 48.0
1980 VG1	1985 01 24.97248	01 46 53.81	+16 14 57.0	1981 QB	1981 09 05.10424	21 29 56.28	-19 57 44.1
1980 WF	1980 11 09.27390	02 09 12.36	+20 20 44.4	1981 QB	1981 09 07.14476	21 27 37.58	-23 29 46.9
1980 WF	1981 01 09.22273	07 07 52.04	-17 21 39.2	1981 QB	1982 03 24.06020	07 10 03.80	+09 01 04.4
1980 WF	1981 02 04.22161	08 20 47.62	-15 27 23.6	1981 QC	1982 01 21.01308	01 22 53.26	+01 12 03.3
1980 WF	1981 02 10.20089	08 31 06.25	-13 42 56.7	1981 QC	1982 01 22.98037	01 25 42.78	+01 58 27.8
1980 WF	1981 02 28.16269	08 57 03.77	-08 05 58.6	1981 QN	1988 11 11.27271	03 20 29.67	+22 56 54.2
1981 AZ	* 1981 01 11.22462	08 02 57.17	+20 10 38.8	1981 QN	1988 11 12.23858	03 19 29.52	+22 49 46.3
1981 AA1	* 1981 01 11.22462	08 03 41.58	+19 58 20.2	1981 QN	1988 12 07.16463	02 58 43.96	+19 44 48.5
1981 AB1	* 1981 01 11.22462	08 04 10.32	+20 25 15.0	1981 QP	1987 02 27.38532	10 34 15.43	+24 06 50.1
1981 BB	* 1981 01 31.35477	09 51 22.57	+18 24 34.3	1981 QP	1987 02 27.38532	10 07 44.37	+25 21 48.1
1981 BB	1981 02 01.32317	09 50 34.64	+18 31 49.1	1981 QG1	1986 08 04.31154	22 12 41.40	+02 51 51.1
1981 BC	* 1981 01 31.35477	09 51 37.60	+18 20 11.9	1981 QG1	1986 10 05.99661	21 37 23.97	-07 33 37.4
1981 BC	1981 02 01.32317	09 50 29.92	+18 16 35.0	1981 QK1	* 1981 08 26.24687	22 57 26.10	-08 24 55.2
1981 BC	1981 02 10.26265	09 39 39.95	+18 07 57.9	1981 QK1	1981 08 27.24649	21 56 01.20	+01 31 42.0
1981 BC	1981 02 28.25249	09 46 52.58	+17 23 26.3	1981 RF	1984 05 03.29758	15 13 20.68	-12 35 58.3
1981 BG	* 1981 01 31.25770	08 18 20.81	+17 22 55.0	1981 SD	1981 09 30.24638	23 50 47.94	-01 46 16.4
1981 BQ	* 1981 01 31.15561	07 44 43.24	+17 25 49.4	1981 SD	1981 10 01.12479	23 50 08.91	-01 52 41.5
1981 CC1	* 1981 02 06.16133	07 34 48.81	+21 52 38.8	1981 SE	1981 09 29.19502	23 52 12.12	-01 46 01.6
1981 CD1	* 1981 02 06.16133	09 32 37.06	+16 45 08.3	1981 SE	1981 09 30.24638	23 51 17.58	-01 52 36.7
1981 DA	* 1981 02 28.25249	09 21 26.38	+17 12 26.0	1981 SE	1981 10 06.08873	23 46 28.64	-02 26 58.2
1981 DB	* 1981 02 28.25249	09 21 26.38	+17 12 26.0	1981 ST	1989 02 09.17617	08 03 34.96	+02 28 02.4
1981 DC	* 1981 02 28.28242	11 01 50.38	+07 16 36.2	1981 ST	1989 03 09.10852	07 51 54.07	+05 50 59.3
1981 EA	* 1981 02 28.28242	11 02 37.10	+07 16 24.1	1981 SU	* 1981 09 25.26448	00 38 48.68	+17 46 41.1
1981 EB	* 1981 03 04.29050	10 04 07.41	+23 10 43.0	1981 SU	1981 09 29.24147	00 35 27.80	+17 37 15.7
1981 EC	* 1981 03 04.29050	10 05 43.00	+23 19 31.9	1981 SV	* 1981 09 30.29635	00 51 39.61	+00 51 56.1
1981 EC	1981 03 11.23501	10 52 32.86	+08 29 42.0	1981 SM1	1983 01 18.26174	08 16 46.59	+19 24 02.2
1981 EU	1981 03 12.26662	10 51 38.08	+08 32 35.4	1981 SM1	1986 11 01.00059	20 45 40.63	-18 50 50.4
1981 EB2	* 1981 04 07.22088	11 27 21.45	+04 27 30.8	1981 SM1	1987 11 21.32797	04 49 44.27	+19 55 29.0
1981 ET16	1986 08 10.25394	22 15 40.76	+03 57 03.7	1981 SK3	* 1981 09 25.26448	00 36 27.29	+17 27 28.9
1981 ET16	1986 09 02.24443	21 59 57.27	+07 48 42.4	1981 SW6	1986 08 05.27728	22 00 07.88	-05 31 50.4
1981 ED17	1981 03 04.04131	07 23 50.71	+31 51 48.7	1981 SW6	1986 09 07.18882	21 38 11.75	-08 51 35.2
1981 EJ17	1986 12 05.31341	04 30 32.66	+10 47 28.5	1981 SW6	1986 10 31.01350	21 34 10.89	-12 09 20.4
1981 EJ17	1986 12 29.19533	04 10 20.97	+09 57 52.6	1981 SW6	1987 10 20.34624	03 54 25.89	+09 08 53.4
1981 EX19	1985 10 12.09353	22 35 42.53	-08 08 38.8	1981 SW7	1987 10 22.34646	23 10 19.69	+00 10 56.6
1981 EH26	1984 11 27.37516	05 29 58.54	+19 53 38.6	1981 SW7	1986 09 01.24751	22 55 43.31	-00 14 19.9
1981 EH26	1985 02 21.08202	05 02 01.78	+21 47 41.7	1981 TA	* 1981 10 01.12479	23 50 19.67	-02 08 52.4
1981 EN26	1986 05 12.27238	15 38 36.34	-09 06 25.1	1981 TB	* 1981 10 01.12479	23 51 08.60	-01 59 22.0
1981 EN26	1986 06 05.19154	15 20 33.89	-07 24 57.0	1981 TC	* 1981 10 04.14582	01 04 41.53	+04 47 41.1
1981 FP	* 1981 03 28.23377	11 36 06.96	+02 28 55.2	1981 TD	* 1981 10 04.14582	01 05 20.24	+04 46 46.8
1981 FQ	* 1981 03 28.23377	11 36 18.22	+02 50 49.2	1981 TE	1981 12 29.96738	00 15 13.00	+25 12 12.4
1981 FR	* 1981 04 01.15139	11 33 31.54	+03 08 12.0	1981 TK	1981 12 30.06958	00 15 21.61	+25 13 21.9
1981 FR	* 1981 03 28.23377	11 37 20.01	+02 42 54.2	1981 TO3	1987 11 17.22682	02 31 37.62	+13 02 34.8
1981 FA1	* 1981 03 28.25880	12 18 12.89	+01 32 40.6	1981 UA	1981 11 02.10536	03 12 17.84	+54 29 49.3

1981 UT15	1986 11	28-28813	04 53	54.36	+25 06	19.6	1982 DM1	* 1982 02	27.28453	10 33	19.28	+08 46	59.6
1981 VS	1987 02	24.06455	07 15	45.90	+09 00	21.0	1982 DX1	* 1982 02	27.28453	10 33	59.53	+08 41	54.9
1981 VV	* 1981 11	02.26766	03 45	28.57	+13 21	05.6	1982 EB	* 1982 03	03.25291	09 13	04.14	+16 24	51.2
1981 VX	* 1981 11	02.19409	00 42	15.23	+02 07	38.9	1982 EC	* 1982 03	03.27890	09 48	41.74	+11 37	37.9
1981 WY	* 1981 11	03.12692	23 36	30.30	-05 26	47.2	1982 FN	1982 04	23.25426	12 28	37.81	+14 57	53.2
1981 WL	* 1981 11	25.21964	03 34	33.76	+16 21	28.4	1982 FW	* 1982 05	27.17510	12 33	26.95	+19 15	23.2
1981 WL	1981 11	26.14321	03 33	41.69	+16 19	58.6	1982 FX	* 1982 03	23.29729	12 47	12.91	-00 29	00.3
1981 WL	1981 11	29.14353	03 30	54.32	+16 15	29.4	1982 FY	* 1982 03	24.20388	10 26	19.29	+12 44	15.2
1981 WM	* 1981 11	25.21964	03 35	52.54	+16 19	35.4	1982 FZ	* 1982 03	24.20388	10 26	19.29	+12 44	15.2
1981 WM	1981 11	26.14321	03 34	53.95	+16 18	54.6	1982 FA1	* 1982 03	23.16372	09 36	51.08	+12 40	09.6
1981 WM	1981 11	29.14353	03 31	46.08	+16 17	02.3	1982 FL2	* 1982 03	25.33096	13 48	18.78	-12 42	29.7
1981 WM	1981 12	20.17640	03 15	08.10	+16 22	33.8	1982 HL	1984 11	27.13434	01 41	24.95	+07 19	21.4
1981 WM	1981 12	21.07470	03 14	42.66	+16 23	46.5	1982 HX1	* 1982 04	16.08181	09 38	29.43	+15 03	59.0
1981 WN	* 1981 11	25.25738	05 33	09.24	+30 01	51.2	1982 HB2	* 1982 04	19.27578	14 32	05.89	-13 32	28.2
1981 WS1	1981 11	24.25550	03 18	24.63	+16 25	02.3	1982 HB2	1982 04	20.26542	14 31	05.46	-13 30	57.3
1981 WS1	1981 11	25.11838	03 17	28.01	+16 23	46.7	1982 HB2	1982 04	22.25854	14 29	01.37	-13 27	46.1
1981 WS1	1981 11	26.11580	03 16	23.17	+16 22	19.8	1982 HB2	1982 04	23.27990	14 27	56.90	-13 26	06.0
1981 XA	1981 12	05.09082	03 34	51.98	+08 05	23.6	1982 HB2	1982 05	19.13823	14 02	14.48	-12 47	22.7
1981 XA	1981 12	05.13395	03 34	48.07	+08 06	29.6	1982 HB2	1982 05	27.12207	13 57	06.90	-12 45	47.8
1981 XA	1985 02	18.31796	07 23	01.33	+55 11	23.5	1982 HD2	* 1982 05	25.11304	11 21	34.98	+07 05	11.5
1981 XA	1985 03	21.18561	07 51	06.55	+51 02	10.8	1982 HE2	* 1982 04	29.16686	14 22	17.20	-13 25	45.7
1981 XA	1988 01	23.44087	12 20	11.27	+37 00	25.1	1982 KF	* 1982 04	19.11891	09 11	33.71	+19 57	16.4
1981 XA	1988 02	15.36898	12 18	30.92	+43 17	36.6	1982 KG	* 1982 05	18.16758	13 30	21.19	-11 45	23.0
1981 XA	1988 03	17.40155	11 39	49.10	+46 28	44.1	1982 KH	* 1982 05	19.13823	14 01	49.98	-12 52	51.8
1981 XH2	1986 12	01.03016	00 33	35.53	+10 20	04.8	1982 KZ	* 1982 05	26.10727	09 38	03.89	+17 17	26.6
1981 YJ	* 1981 12	20.25517	05 39	26.60	+21 49	51.8	1982 OL	* 1982 07	25.17097	20 22	15.77	-18 10	06.9
1981 YK	* 1981 12	31.09608	05 27	25.55	+19 41	50.7	1982 QN	* 1982 08	16.23800	22 51	36.51	-09 34	50.2
1981 YK	1981 12	31.32591	05 26	29.18	+19 35	59.6	1982 QN	1982 08	17.22863	22 50	57.30	-09 40	07.8
1981 YL	* 1981 12	30.38128	06 49	08.14	+42 06	04.7	1982 QO	* 1982 08	17.26116	23 24	57.43	-03 56	49.8
1981 YN	* 1981 12	31.05493	04 44	27.65	+25 00	39.2	1982 QO	1982 08	18.22142	23 24	31.05	-04 03	18.0
1981 YG1	* 1981 12	20.06861	00 55	31.69	+04 11	25.1	1982 QO	1982 08	22.25022	23 22	30.16	-04 31	38.0
1981 YJ1	* 1981 12	20.25517	05 39	24.13	+21 45	58.8	1982 QO	1982 08	26.17163	23 20	19.50	-05 00	57.8
1982 BJ	1986 05	12.32321	16 48	49.67	+13 43	21.0	1982 QO	1982 10	11.17062	22 53	15.89	-10 34	40.4
1982 BJ	1986 06	03.20696	16 25	05.56	+12 01	57.0	1982 QS	* 1982 08	17.20071	22 43	27.53	-11 40	23.3
1982 BJ	1989 02	02.21822	07 50	52.28	+27 32	03.0	1982 QS	1982 08	18.19508	22 42	44.04	-11 44	29.0
1982 BJ	1989 02	08.21011	07 45	18.82	+29 34	22.4	1982 QT	* 1982 08	17.20071	22 43	42.49	-11 36	54.6
1982 BQ	1986 06	04.17693	15 36	39.43	-08 26	45.7	1982 QU	* 1982 08	18.22142	23 24	47.55	-04 10	21.0
1982 BQ	1987 09	25.28775	01 03	56.35	-03 07	39.6	1982 QV	* 1982 08	19.20442	23 29	15.17	-03 05	32.3
1982 BS1	1986 05	10.12696	10 51	10.61	+12 27	44.2	1982 QW	* 1982 08	22.21608	22 46	04.08	-09 42	03.1
1982 BA3	* 1982 01	27.20458	09 18	35.46	+03 58	38.1	1982 QW	1982 08	26.14304	22 42	18.39	-10 08	16.7
1982 BB3	* 1982 01	27.24697	09 17	41.45	+13 39	05.2	1982 QX	* 1982 08	22.25022	23 23	02.30	-04 14	17.8
1982 DB	1982 03	23.23181	12 57	07.07	-13 49	47.8	1982 QX	1982 08	26.17163	23 19	52.86	-04 48	50.8
1982 DB	1982 04	13.11273	12 32	28.97	-09 54	19.4	1982 QY	* 1982 08	26.14304	22 42	35.28	-09 54	05.6
1982 DJ1	* 1982 02	23.26084	11 04	44.15	+05 00	21.9	1982 QZ	* 1982 08	26.14304	22 43	01.03	-10 07	08.1
1982 DK1	* 1982 02	23.26084	11 05	56.06	+04 47	42.8	1982 QA1	* 1982 08	26.17163	23 20	45.18	-05 00	29.7
1982 DL1	* 1982 02	23.26084	11 06	17.50	+04 34	34.3	1982 QS3	1988 11	10.32649	04 17	55.13	+13 34	56.2
1982 DM1	* 1982 02	24.27789	10 53	13.92	+10 44	38.7	1982 QS3	1988 11	11.33512	04 17	10.29	+13 29	37.7
1982 DN1	* 1982 02	24.27789	10 54	32.49	+10 41	33.6	1982 RY	* 1982 09	11.12343	03 56	15.64	+11 28	28.4
1982 DO1	* 1982 02	24.27789	10 56	06.21	+10 53	51.9	1982 RZ	* 1982 09	11.14957	22 32	09.29	-16 04	33.8
1982 DP1	1982 02	24.29787	11 19	27.09	+15 28	18.4	1982 RZ	1982 09	12.10440	22 31	26.68	-16 14	22.7
1982 DP1	1982 02	26.35192	11 17	22.93	+15 38	41.0	1982 RZ	1982 09	18.13507	22 27	18.06	-17 11	19.6
1982 DP1	1982 02	27.26014	11 16	27.34	+15 43	09.4	1982 RA1	* 1982 09	13.15003	23 37	22.16	+04 55	04.4
1982 DP1	1982 03	01.30067	11 14	20.05	+15 52	45.0	1982 RA1	1982 09	15.11580	23 35	55.68	+04 28	41.9
1982 DP1	1982 04	22.17038	10 41	49.47	+15 12	15.6	1982 RA1	1982 09	17.21750	23 34	23.66	+04 00	20.6
1982 DP1	1982 04	23.13891	10 41	57.59	+15 06	27.0	1982 RA1	1982 09	18.16961	23 33	43.16	+03 47	30.2
1982 DP1	1982 04	24.31804	11 53	40.72	+00 20	52.3	1982 RA1	1982 09	20.17353	23 32	19.55	+03 20	35.7
1982 DP1	1982 02	24.31804	11 54	16.23	+00 20	51.6	1982 SY	* 1982 09	17.28706	01 16	39.69	+05 53	09.3
1982 DP1	1982 02	24.31804	11 54	26.12	+00 10	07.2							
1982 DT1	* 1982 02	24.31804	11 55	14.83	+00 26	39.1							
1982 DU1	* 1982 02	26.21697	08 24	50.63	+14 39	37.1							
1982 DV1	* 1982 02	27.07817	08 00	23.71	+24 03	52.0							

1982	SZ	*	1982	09	18.23213	01	07	12.05	+03	15	45.4	1983	EV	1987	01	29.25564	06	55	00.60	+28	30	36.9	
1982	SA1	*	1982	09	20.11716	22	33	48.02	-17	22	29.0	1983	EV	1987	01	30.17930	06	54	17.47	+28	30	10.4	
1982	SB1	*	1982	09	20.13843	23	03	53.98	-08	21	35.3	1983	GP	*	1983	04	12.06125	09	36	59.34	+13	58	12.1
1982	SB6	*	1988	12	07.06073	01	11	45.97	+04	31	37.7	1983	HX	*	1983	04	18.27789	12	55	13.59	-00	21	48.3
1982	SB6	*	1988	12	12.97328	01	11	56.29	+04	37	43.7	1983	LU	*	1983	06	11.16029	14	11	43.46	-15	33	03.6
1982	TA'	*	1982	10	20.04729	23	13	28.15	-01	35	24.2	1983	NG	*	1983	07	15.11041	18	01	41.11	-10	38	43.5
1982	TA	*	1982	10	22.15501	23	03	18.62	-01	49	03.2	1983	NR	*	1984	11	27.39824	05	42	43.57	+42	13	51.6
1982	TV	*	1982	11	10.98185	21	20	29.87	-02	54	40.2	1983	NR	*	1984	12	24.28514	05	09	22.14	+40	40	10.1
1982	TX	*	1982	10	12.21318	00	56	29.24	+03	45	26.1	1983	PW	*	1986	09	08.02337	16	48	45.00	-18	15	36.1
1982	TX	*	1982	12	18.03708	02	44	00.63	+03	45	26.1	1983	PW	*	1986	09	08.02337	16	48	45.00	-18	15	36.1
1982	TX	*	1983	01	14.10407	03	24	27.47	-02	52	17.8	1983	QG	*	1983	09	02.33038	02	44	58.19	-10	03	10.5
1982	TX	*	1986	08	04.28050	22	20	36.12	+18	44	12.4	1983	QG	*	1983	09	02.33038	02	44	58.19	-10	03	10.5
1982	TX	*	1986	08	10.28984	22	17	35.97	+19	09	57.1	1983	QG	*	1983	09	05.36718	02	47	22.58	-10	09	30.0
1982	TX	*	1986	08	10.28984	22	17	35.97	+19	09	57.1	1983	QG	*	1983	09	08.31291	02	49	22.26	-10	16	04.5
1982	TX	*	1986	09	01.11013	22	00	55.06	+18	30	27.0	1983	QG	*	1983	09	12.22333	02	51	28.56	-10	25	05.6
1982	TX	*	1986	10	03.14320	21	43	00.11	+11	10	43.0	1983	QG	*	1983	10	07.33583	02	49	23.05	-10	57	49.9
1982	TX	*	1986	10	30.00976	21	58	52.60	+03	43	46.8	1983	QG	*	1983	12	06.08511	02	04	39.05	-01	09	48.4
1982	TX	*	1986	10	31.03922	22	00	06.89	+03	29	27.2	1983	QG	*	1984	01	08.07715	02	18	59.44	+07	33	28.1
1982	TG1	*	1986	08	04.33540	22	41	58.68	+10	58	39.1	1983	QH	*	1983	08	16.34679	23	45	51.10	-07	34	04.2
1982	TG1	*	1986	09	02.26902	22	22	39.55	+09	04	57.5	1983	RB	*	1983	10	04.14036	22	44	09.10	-17	59	07.4
1982	TG1	*	1986	10	06.03830	22	03	59.52	+03	40	13.0	1983	RB	*	1983	11	01.04981	23	19	26.15	-20	47	34.5
1982	TL1	*	1987	11	23.05711	00	16	55.52	+03	47	49.4	1983	RB	*	1983	11	01.04981	23	19	26.15	-20	47	34.5
1982	TL1	*	1989	01	11.35442	07	03	09.68	+34	22	56.2	1983	RE	*	1983	09	04.22735	21	52	57.21	-04	36	26.7
1982	TL1	*	1989	02	08.15177	06	41	13.85	+33	47	35.9	1983	RE	*	1983	09	07.16811	21	50	25.00	-04	46	41.7
1982	UC1	*	1982	10	18.11257	00	41	28.23	+00	52	22.7	1983	RE	*	1983	09	12.11735	21	46	37.06	-05	03	46.3
1982	UC1	*	1982	10	25.25098	22	25	07.68	-13	13	54.6	1983	RE	*	1983	10	07.09829	21	39	15.05	-06	02	38.1
1982	UP6	*	1988	08	12.12607	14	08	14.34	-02	39	53.6	1983	RE	*	1983	10	11.03414	21	39	59.27	-06	05	31.9
1982	UP6	*	1988	07	16.08318	14	30	47.02	+00	02	58.0	1983	RF	*	1983	09	04.22735	21	53	12.06	-04	58	17.8
1982	UG7	*	1988	08	10.34072	22	49	28.03	-02	22	50.1	1983	RF	*	1983	09	04.22735	21	53	12.06	-04	58	17.8
1982	UG7	*	1988	09	12.24732	22	26	55.38	-05	29	46.1	1983	RH1	*	1983	09	03.24331	00	29	35.42	+10	30	30.0
1982	VK1	*	1982	11	14.29653	04	09	09.38	+16	19	51.9	1983	RJ1	*	1983	09	05.25236	22	22	05.47	-07	11	50.3
1982	VK1	*	1982	11	16.19373	04	07	22.76	+16	12	58.5	1983	RJ1	*	1983	09	05.25236	22	22	05.47	-07	11	50.3
1982	VK1	*	1982	11	18.09403	04	05	32.24	+16	06	04.5	1983	RK1	*	1983	09	08.22761	21	47	22.83	-05	44	12.2
1982	VK1	*	1982	11	18.09403	04	05	32.24	+16	06	04.5	1983	RK1	*	1983	09	08.22761	21	47	22.83	-05	44	12.2
1982	VK1	*	1982	11	14.29653	04	08	11.29	+16	14	43.2	1983	RL1	*	1983	09	08.22761	21	47	22.83	-05	44	12.2
1982	VK1	*	1982	11	16.19373	04	08	11.29	+16	14	43.2	1983	RL1	*	1983	09	08.22761	21	47	22.83	-05	44	12.2
1982	VK1	*	1982	11	18.09403	04	06	32.29	+16	05	46.8	1983	RM1	*	1983	09	09.18357	22	38	54.32	-21	06	33.5
1982	VK1	*	1982	11	18.09403	04	06	32.29	+16	05	46.8	1983	RM1	*	1983	09	09.18357	22	38	54.32	-21	06	33.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	54	26.9	1983	RO1	*	1983	09	09.22427	22	48	51.10	-02	25	39.5
1982	VN1	*	1982	11	14.35641	05	20	58.51	+13	5													

1983	VA	1984	03	28.31630	14	20	10.02	+22	57	29.1	1984	EH1	*	1984	03	03.15884	08	42	54.34	+17	04	02.3	
1983	VA	1984	05	03.21115	13	15	02.86	+17	30	42.5	1984	EJ1	*	1984	03	03.23909	09	59	57.09	+16	11	38.4	
1983	VF	*	1983	11	01.10949	01	23	26.67	+09	31	10.9	1984	EK1	*	1984	03	03.23909	10	00	06.53	+16	05	02.1
1983	VG	*	1983	11	01.10949	01	24	49.55	+09	39	44.5	1984	EL1	*	1984	03	03.23909	10	00	46.04	+16	11	50.0
1983	VH	*	1983	11	05.10943	00	39	52.95	+03	31	03.6	1984	FF1	*	1984	03	27.26503	13	01	40.90	-07	10	15.1
1983	VJ	*	1983	11	08.14423	02	43	46.59	+17	46	08.1	1984	FG1	*	1984	03	28.20933	11	37	50.74	+07	41	50.7
1983	VK	*	1983	11	08.14423	02	44	57.36	+17	31	30.4	1984	FH1	*	1984	03	28.20933	11	38	57.80	+07	48	18.0
1983	VL	*	1983	11	08.19076	00	41	33.75	+04	03	56.4	1984	FJ1	*	1984	03	28.20933	11	39	21.83	+07	46	21.2
1983	VM	*	1983	11	08.23521	03	53	16.80	+23	58	34.3	1984	FL1	*	1984	03	28.20933	11	38	26.86	+07	50	08.1
1983	VM	1983	11	08.40809	03	53	05.83	+23	58	06.7	1984	GB		1984	03	27.26503	13	01	26.32	-07	00	12.0	
1983	VM	*	1983	11	09.20518	03	52	16.83	+23	55	58.8	1984	GL	*	1984	04	01.28098	11	48	58.39	+12	15	06.1
1983	VN	*	1983	11	08.23521	03	53	47.78	+23	55	22.6	1984	GK		1984	04	01.28098	11	48	58.39	+12	17	16.4
1983	VN	1983	11	08.40809	03	53	34.96	+23	56	06.0	1984	GM	*	1984	04	02.22220	11	33	03.20	-08	27	57.2	
1983	VO	*	1983	11	08.23521	03	54	14.72	+23	59	31.0	1984	GN	*	1984	04	02.31886	14	46	43.62	-08	59	45.7
1983	VP	1983	11	08.40809	03	54	04.01	+23	58	58.6	1984	GO	*	1984	04	01.37086	15	05	30.60	-07	31	59.4	
1983	VP	*	1983	11	09.10168	00	44	28.14	+01	40	29.0	1984	HY	*	1984	04	30.21659	14	14	58.43	+03	48	42.1
1983	VQ	*	1983	11	09.10168	00	45	02.88	+01	41	25.6	1984	JF	*	1984	05	03.24632	13	36	34.66	-11	46	31.4
1983	VR	*	1983	11	09.10168	00	45	09.74	+01	53	07.0	1984	KB		1984	06	03.11896	17	09	53.63	+04	23	54.5
1983	VS	*	1983	11	09.10168	00	45	50.06	+02	08	56.0	1984	KB		1984	06	04.15156	17	05	18.19	+03	16	03.3
1983	VT	*	1983	11	09.10168	00	46	17.72	+01	35	15.3	1984	KB		1984	06	05.16451	17	01	16.01	+02	15	27.7
1983	VE2	*	1983	11	08.16341	02	50	50.17	+08	48	57.3	1984	KB		1984	06	07.18915	16	26	24.90	-08	34	55.2
1983	WL5	*	1983	11	07.41142	05	31	45.57	+08	47	31.9	1984	KB		1984	07	03.20412	16	24	56.51	-10	02	42.2
1983	WL5	1989	03	11.20949	10	11	23.61	-03	24	04.0	1984	KB		1984	07	25.15301	16	31	23.68	-13	48	03.8	
1983	WR	1983	12	06.26638	04	27	46.65	+26	36	46.0	1984	KB		1984	07	29.10227	16	33	54.36	-14	19	06.5	
1983	WF1	1984	03	04.99685	04	42	58.12	+21	10	57.0	1984	KB		1984	07	29.10227	16	33	54.36	-14	19	06.5	
1983	WF1	1985	03	26.13825	10	03	26.70	+35	26	05.9	1984	KM	*	1984	05	26.18584	13	56	24.56	+03	49	17.3	
1983	WJ1	*	1983	11	30.43715	09	02	08.87	+13	00	45.7	1984	OH	*	1984	07	26.30629	23	35	54.70	-04	01	08.1
1983	XE	1983	12	06.24689	04	18	24.72	+18	49	05.7	1984	QS		1984	08	24.26092	22	48	58.56	-11	02	48.0	
1983	XF	1984	01	08.09914	03	59	52.47	+23	01	36.3	1984	QS		1984	08	27.20252	22	46	49.19	-11	15	59.9	
1983	XF	1984	02	01.05983	04	17	16.49	+25	26	33.7	1984	QS		1984	08	29.12009	22	45	23.38	-11	20	29.3	
1983	XF	1984	02	09.02735	04	30	06.71	+26	19	35.1	1984	QT	*	1984	08	24.26092	22	49	25.38	-11	13	33.6	
1983	XF	1984	03	01.08070	05	18	04.06	+28	16	36.0	1984	QT		1984	08	27.20252	22	46	32.80	-11	13	18.0	
1983	XF	1984	03	07.07084	05	34	44.87	+28	36	52.6	1984	QT		1984	08	28.20729	22	45	32.88	-11	13	09.8	
1983	XF	1984	03	08.02697	05	37	30.67	+28	39	22.4	1984	QT		1984	08	29.12009	22	44	38.49	-11	12	58.9	
1983	XF	1984	04	03.04668	06	59	19.98	+28	11	32.1	1984	QU	*	1984	08	24.26092	23	32	27.95	-10	47	49.9	
1983	XF	1984	04	30.09629	08	26	40.92	+24	18	31.9	1984	QU		1984	08	25.27462	23	31	45.44	-10	32	18.6	
1983	XL	*	1983	05	25.07654	09	39	43.21	+18	32	51.7	1984	QU		1984	08	28.20729	22	45	11.77	-11	16	15.5
1983	XL	1983	12	04.10770	02	24	53.64	+13	30	05.6	1984	QU		1984	08	29.12009	22	45	18.78	-11	16	36.2	
1983	XM	*	1983	12	04.16560	02	35	24.33	+10	58	48.1	1984	QU		1984	09	26.09529	22	21	09.26	-10	47	49.9
1983	XM	1983	12	06.22429	03	41	41.48	+14	45	30.9	1984	QV	*	1984	08	24.28469	23	32	27.95	-10	28	07.1	
1983	XN	*	1983	12	06.24689	04	20	34.95	+18	38	27.3	1984	QV		1984	08	26.23069	23	31	03.62	-10	36	25.5
1983	XP	1983	12	08.19679	03	21	09.41	+22	10	41.0	1984	QV		1984	08	26.23069	23	31	03.62	-10	36	25.5	
1983	XP	1983	12	08.23956	05	30	35.32	+27	43	41.9	1984	QV		1984	08	29.14389	23	28	46.89	-10	49	07.8	
1983	XQ	*	1983	12	01.26152	04	29	27.13	+16	56	05.9	1984	QW	*	1984	08	24.21898	21	37	16.00	-17	42	33.8
1984	AE	*	1984	01	09.25469	07	24	53.49	+17	20	20.3	1984	QX	*	1984	08	25.20703	21	21	04.38	-02	25	10.2
1984	AR	1985	04	25.21796	13	35	52.86	-10	06	42.8	1984	QY	*	1984	08	26.25343	23	42	07.03	+07	30	50.9	
1984	AR	1984	03	03.21523	10	06	27.83	+37	19	08.2	1984	QY		1984	08	27.22857	23	45	57.55	+00	01	38.2	
1984	BC	1984	04	02.19789	10	30	08.80	+44	54	42.8	1984	QAI	*	1984	08	27.22857	23	45	57.55	+00	01	38.2	
1984	BC	1984	05	25.12647	12	05	24.44	+35	12	04.3	1984	QB1	*	1984	08	27.22857	23	45	57.55	+00	01	38.2	
1984	CH	*	1984	02	01.32502	10	34	08.65	+11	46	11.7	1984	QB1		1988	12	05.39913	06	33	46.63	+37	54	22.3
1984	CJ	*	1984	02	02.26901	09	02	24.13	+14	16	25.9	1984	QEI		1988	12	10.37787	06	28	02.47	+38	05	16.5
1984	CK	*	1984	02	02.31895	09	42	31.10	+18	38	26.5	1984	SM		1988	12	07.29053	05	35	48.22	+24	51	11.8
1984	CL	*	1984	02	02.38859	10	30	24.87	+26	24	03.0	1984	SM		1988	12	10.19648	05	32	22.09	+24	41	56.0
1984	CL	1984	02	02.38859	10	30	24.87	+26	24	03.0	1984	SM		1988	12	10.19648	05	32	22.09	+24	41	56.0	
1984	CP1	*	1984	02	02.29224	09	23	14.08	+13	15	01.2	1984	SQ	*	1984	09	23.17319	23	51	02.33	+06	31	15.4
1984	CQ1	1984	02	02.29224	09	23	14.08	+13	15	01.2	1984	SQ		1984	09	25.28715	23	49	03.83	+06	25	37.0	
1984	DA	1984	04	04.04441	08	38	55.03	+17	54	35.6	1984	SX1		1984	10	19.10609	00	39	39.94	+04	24	09.5	
1984	DB	1984	03	27.11104	08	40	40.20	+17	56	18.9	1984	SX1		1984	10	21.16577	00	38	35.65	+04	07	31.2	
1984	DC	1984	03	28.10085	09	39	16.78	+23	40	40.9	1984	TB	*	1984	10	03.19994	00	40	20.80	+05	33	44.6	
1984	ED	1989	02	04.29241	09	00	53.17	+17	34	23.2	1984	TB		1984	10	19.10609	00	40	20.80	+05	33	44.6	
1984	ED	1989	03	11.09763	08	39	17.76	+20	56	07.8	1984	TB		1984	10	21.16577	00	38	51.93	+04	17	43.9	
1984	EZ	1984	06	05.14581	11	45	09.45	+12	50	15.0	1984	TC	*	1984	10	03.19994	00	53	41.35	+05	40	08.7	
1984	EZ	1985	08	13.21779	21	03	24.42	-10	05	37.8	1984	TD	*	1984	10	03.19994	00	54	00.76	+05	55	34.4	
1984	EG1	*	1984	03	02.27823	10	52	31.59	+08	21	09.6	1984	TD		1984	10	19.10609	00	44	30.11	+04	43	02.9

1984 UT	1985 02	17.98737	03 23	26.02	+10 29	43.0	1985 KY	1985 05	25.21067	15 17	43.67	-16 44	46.4
1984 UE2	* 1984 10	17.19837	01 24	16.80	+04 54	01.0	1985 NE	1986 12	05.14770	01 55	25.00	+19 08	24.7
1984 UF2	* 1984 10	18.20539	00 58	22.97	+05 27	35.6	1985 PL	1985 09	12.08596	21 43	10.09	-05 48	19.2
1984 UG2	* 1984 10	18.98943	21 08	08.13	-18 36	30.1	1985 PL	1985 09	12.16787	21 43	06.08	-05 47	56.4
1984 UH2	* 1984 10	19.14739	00 52	56.50	+02 16	49.9	1985 PL	1985 09	13.20613	21 42	17.94	-05 43	56.1
1984 UJ2	* 1984 10	19.17403	01 02	27.41	+06 52	16.7	1985 PL	1987 02	29.28740	08 24	08.89	+24 43	38.6
1984 UK2	* 1984 10	25.22839	02 11	03.09	+11 06	18.0	1985 PL	1987 02	25.20087	07 59	35.78	+24 03	00.6
1984 UN2	* 1984 10	03.19994	00 52	54.24	+05 50	39.4	1985 PS	1985 11	09.03681	22 52	13.51	-15 51	12.2
1984 UN2	* 1984 10	19.10609	00 40	49.18	+04 24	43.5	1985 PB1	1988 06	10.18833	15 58	27.73	-10 39	51.4
1984 UN2	* 1984 10	21.16577	00 39	23.24	+04 14	23.1	1985 PG1	1987 01	30.16235	06 24	34.83	+09 23	23.2
1984 UO2	* 1984 10	19.10609	00 41	05.30	+04 31	21.2	1985 PL1	* 1985 08	13.23993	21 43	30.68	+00 56	28.4
1984 UP2	* 1984 10	19.10609	00 41	11.51	+04 41	30.6	1985 RC1	* 1985 09	12.23418	23 34	11.85	+05 53	58.1
1984 UQ2	* 1984 10	19.10609	00 41	54.06	+04 58	17.6	1985 RD1	* 1985 09	13.26682	23 56	23.03	-05 41	07.4
1984 UN3	* 1984 10	18.22561	01 19	53.18	+05 35	20.6	1985 SA	1988 06	12.14343	15 00	00.91	-05 31	59.5
1984 WL	1984 12	21.18222	04 11	51.57	+16 26	53.2	1985 SF	* 1985 09	17.12480	21 23	44.40	-07 46	26.1
1984 WL	1985 02	23.02803	04 52	24.16	+02 24	38.2	1985 SG	* 1985 09	17.12480	21 23	56.43	-07 42	23.4
1984 YU	1984 12	18.20950	06 01	45.18	+12 04	04.5	1985 SR	* 1985 09	17.16122	23 06	27.88	-16 39	39.3
1984 YU	1984 12	23.30644	05 56	19.97	+11 55	35.2	1985 SQ	* 1985 09	17.18394	23 06	35.50	-10 20	40.3
1984 YV	1985 02	19.15436	06 33	36.77	+08 25	14.7	1985 SS	* 1985 09	17.18394	23 07	09.08	-10 36	09.5
1984 YV	1985 03	20.00696	06 48	27.00	+05 32	02.4	1985 SY	* 1985 09	17.26068	23 42	56.98	-10 59	05.0
1984 YV	1986 07	04.30723	22 17	09.67	+08 20	22.3	1985 TB	1985 10	22.20069	01 07	12.50	+11 44	10.2
1984 YV	1986 08	04.25931	21 53	18.57	+15 17	35.0	1985 TB	1985 10	22.29792	01 06	52.39	+11 48	39.4
1984 YV	1986 08	10.21965	21 45	33.19	+16 05	41.8	1985 TB	1985 10	24.30139	00 59	50.37	+13 26	50.2
1984 YV	1986 11	29.99246	21 42	52.83	+10 52	03.6	1985 TB	1985 10	24.31458	00 59	46.54	+13 27	37.0
1984 YW	* 1984 12	18.10650	03 02	30.12	+27 53	38.5	1985 TB	1985 11	08.08689	00 01	17.37	+26 25	03.6
1984 YX	* 1984 12	18.17732	05 12	26.99	+19 42	15.9	1985 TB	1985 11	09.05158	23 57	20.85	+27 14	39.3
1985 CV	1987 07	28.19960	21 41	23.24	-11 07	23.1	1985 TB	1985 12	16.09627	22 10	25.63	+50 41	59.8
1985 CV	1987 08	24.13071	08 38	37.38	-15 20	25.1	1985 TB	1986 04	13.19392	10 05	40.71	+38 26	23.3
1985 CV	1989 02	04.22803	21 53	18.57	+13 42	56.0	1985 TB	1986 04	14.18641	10 06	43.03	+37 42	58.5
1985 CV	1989 03	11.07557	08 19	46.93	+18 29	08.1	1985 TB	1986 04	14.31513	10 06	50.66	+37 37	22.8
1985 DA	1985 03	19.28371	11 17	59.68	+20 36	10.7	1985 TT	1986 11	09.01928	01 10	34.68	+04 02	38.2
1985 DA	1985 03	21.26196	11 16	36.05	+21 24	35.4	1985 TT	1986 11	28.27074	04 54	29.72	+14 12	16.7
1985 DA	1985 04	18.18872	11 08	18.96	+28 14	45.6	1985 TT	1986 12	28.18746	04 35	15.33	+13 36	29.2
1985 DY	* 1985 02	16.32478	11 31	25.58	+16 00	50.9	1985 TG3	1988 01	16.14192	05 19	31.97	+32 20	41.3
1985 DZ	* 1985 02	17.25822	09 50	38.38	+19 08	53.8	1985 VV	* 1985 11	09.13020	01 00	29.53	-00 08	55.8
1985 DA1	* 1985 02	21.08202	05 01	56.13	+20 46	19.3	1985 VK2	1987 11	19.44212	09 23	09.93	+37 53	41.6
1985 DB1	* 1985 02	21.35919	11 13	55.07	+04 54	54.6	1985 VK2	1987 12	22.44087	09 24	23.46	+40 39	53.3
1985 DC1	* 1985 02	21.35919	11 14	56.35	+04 57	49.0	1985 VK2	1987 12	24.38551	09 23	51.77	+40 50	47.6
1985 DS1	* 1985 02	21.35919	11 14	33.77	+04 39	40.3	1985 VK2	1988 01	23.29356	09 08	41.04	+43 19	40.6
1985 FC	1986 10	30.20974	02 01	55.45	+34 37	54.4	1985 VK2	1988 02	17.25626	08 51	24.54	+44 13	52.0
1985 FC	1986 12	01.15253	01 08	19.12	+36 00	31.8	1985 VK2	1988 03	16.08518	08 38	12.37	+43 36	50.7
1985 FG	* 1985 03	22.04730	04 51	19.24	+14 26	05.3	1985 VK2	1988 04	20.06977	08 39	33.56	+41 14	57.5
1985 FD1	1985 05	19.08230	12 06	51.01	-04 05	37.6	1985 VK2	1989 02	09.38755	11 48	00.81	+28 59	07.6
1985 FD1	1985 05	21.05908	12 08	04.92	-04 08	16.4	1985 VK2	1989 03	10.32059	11 33	05.28	+30 39	00.5
1985 FT2	* 1985 03	22.23293	09 56	23.53	+09 29	49.2	1985 WA	1985 12	13.24271	02 56	02.76	+39 11	00.3
1985 FU2	* 1985 03	22.28119	11 52	54.26	+01 59	34.8	1985 WG	* 1985 11	16.28896	03 29	14.65	+20 24	19.4
1985 FV2	* 1985 03	22.28119	11 54	17.37	+01 45	12.5	1985 WH	* 1985 11	16.32363	04 14	18.46	+32 57	20.3
1985 FW2	* 1985 03	25.21736	10 37	13.00	+31 07	52.5	1985 XA	1986 01	09.15378	04 09	35.12	+26 41	43.6
1985 FW2	1985 03	26.22183	10 36	06.93	+31 01	36.0	1985 XA	1986 01	10.11711	04 08	51.97	+26 56	04.8
1985 FX2	* 1985 03	26.19614	09 52	57.95	+09 38	55.4	1985 XA	1986 02	03.97393	04 07	32.91	+32 13	22.7
1985 FY2	* 1985 03	26.22183	10 36	59.14	+31 07	39.2	1985 XB	1989 03	10.39798	15 32	35.53	+33 32	01.3
1985 FZ2	* 1985 03	26.24937	11 29	18.73	+02 07	21.9	1985 XB	1989 03	11.38231	15 32	31.87	+33 36	58.4
1985 FB3	* 1985 03	26.29964	12 49	34.83	-04 44	00.0	1985 XC	* 1985 12	15.32150	06 00	48.24	+16 45	29.7
1985 FB3	* 1985 03	26.29964	12 49	34.83	-04 44	00.0	1985 YC	* 1985 12	16.27900	04 53	21.02	+11 00	25.8
1985 FD3	1989 03	09.15170	09 51	01.95	+20 44	03.3	1985 YD	* 1985 12	16.33107	05 12	46.23	+22 55	39.5
1985 FD3	1989 03	10.20005	09 49	45.37	+20 37	01.9	1985 YP	1987 07	23.27190	22 15	09.60	+15 08	03.0
1985 HH	1985 03	22.33210	13 29	29.09	-06 27	22.0	1985 YP	1987 08	25.21498	21 38	43.96	+25 38	35.7
1985 HP1	* 1985 04	17.21110	12 41	42.72	-02 53	07.8	1986 AK	1986 06	04.07419	11 02	34.84	+24 49	04.4
1985 HQ1	* 1985 04	17.25442	13 19	29.13	-11 54	01.0	1986 AK	1986 07	04.08752	12 00	55.75	+10 51	22.6
1985 HR1	* 1985 04	25.24401	13 58	27.42	-10 35	51.5	1986 AQ	* 1986 01	10.22368	06 40	05.94	+23 44	27.0
1985 HS1	1985 06	22.09935	12 35	13.57	+14 44	36.9	1986 AR	* 1986 01	11.18413	04 40	13.45	+12 40	00.7
1985 JR	1987 11	17.25037	04 48	16.19	+21 45	44.0	1986 AS	* 1986 01	12.18191	05 32	27.03	+17 22	56.4
1985 JR	1989 02	09.41221	13 35	54.60	+10 21	57.3	1986 CW	* 1986 02	04.15987	07 00	47.05	+24 05	16.6

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OF POOR QUALITY

1986 CX	*	1986 02	04.32151	10 25	42.39	+14 26	26.9	1986 TM	1988 02	19.34046	12 56	36.67	+07 11	04.8
1986 CY	*	1986 02	06.35182	10 13	43.35	+28 48	24.8	1986 TM	1988 03	17.26036	12 28	05.14	+06 43	44.6
1986 CZ	*	1986 02	09.17820	08 37	43.28	+29 23	11.4	1986 TM	1988 04	13.12372	11 56	17.14	+05 40	17.0
1986 CA1	*	1986 02	09.29967	10 20	38.57	+11 49	16.4	1986 TA2	1986 12	01.98592	00 50	17.66	-00 52	09.3
1986 CB1	*	1986 02	13.18167	07 58	57.92	+17 07	12.7	1986 TL2	1989 03	09.33827	10 47	44.36	+26 15	20.9
1986 CF1	*	1986 02	04.23391	08 56	41.47	+12 17	18.9	1986 TL2	1989 02	10.23374	10 23	47.53	+28 02	18.9
1986 CG1	*	1986 02	04.23391	08 56	47.91	+12 11	09.5	1986 TO4	1986 11	28.12298	00 46	05.88	+08 51	59.7
1986 DA		1986 03	16.15018	10 24	43.36	+32 50	41.7	1986 TO5	1986 12	02.00947	00 46	10.59	+08 37	19.4
1986 DA		1986 04	04.02970	11 10	40.44	+27 36	15.4	1986 TU5	1986 10	06.30208	01 50	32.84	+20 54	45.4
1986 DA		1986 04	05.13756	11 14	04.93	+27 02	58.0	1986 TV5	1986 10	08.16101	23 36	13.73	-03 46	36.9
1986 DA		1986 04	12.21584	11 37	14.30	+22 51	02.5	1986 TP6	1988 02	17.22500	08 31	41.32	+15 18	52.7
1986 DA		1986 04	14.16261	11 43	53.69	+21 30	58.6	1986 TP6	1988 03	22.08251	08 17	34.83	+15 10	11.5
1986 DA		1986 05	10.16588	13 09	40.09	+01 05	18.5	1986 UP3	1986 10	29.18633	01 39	50.20	+18 24	35.1
1986 DA		1986 06	03.08565	14 10	35.66	-12 23	58.5	1986 UL3	1986 10	29.18633	01 40	14.36	+18 09	06.0
1986 DA		1986 06	09.11099	14 23	37.43	-14 39	18.5	1986 UM3	1986 10	30.24705	02 57	07.15	+21 13	28.8
1986 EC2	*	1986 05	10.14807	11 15	15.61	+02 57	54.8	1986 VB1	1986 12	05.17118	02 25	10.77	+18 30	22.8
1986 GN1	*	1986 04	13.30327	13 56	23.30	-09 09	04.1	1986 VT6	1986 12	28.01011	01 44	00.90	+19 12	56.5
1986 JG		1987 11	21.30253	04 07	00.26	+22 48	27.4	1986 XX	1986 11	30.31094	04 44	14.81	+22 49	19.3
1986 JK		1986 05	15.23954	15 37	44.56	-16 28	56.9	1986 XA5	1986 12	01.34026	05 14	37.19	+34 23	11.2
1986 JK		1986 05	16.25104	15 41	41.78	-16 52	11.6	1986 XA5	1986 12	05.29282	03 45	39.53	+23 51	03.0
1986 JAL		1986 10	07.98253	18 37	56.39	+05 06	51.5	1986 YE	1986 12	28.13608	04 07	08.94	+13 50	04.0
1986 JAL		1987 10	22.38242	04 55	45.97	+16 34	53.2	1987 BL	1987 01	29.25564	06 55	33.27	+28 24	16.8
1986 JAL		1988 01	16.06300	03 50	25.45	+06 05	46.2	1987 BL	1987 01	30.17930	06 54	28.93	+28 30	11.2
1986 LR	*	1986 06	10.17397	14 51	08.15	-09 36	13.5	1987 DG1	1987 02	25.20087	07 59	20.08	+24 02	32.6
1986 NV	*	1986 07	08.22817	19 04	36.71	-19 47	11.3	1987 DJ1	1987 02	25.36196	11 38	17.29	+10 25	01.6
1986 PA1		1986 09	02.09999	20 18	19.57	-19 11	25.9	1987 DK1	1987 02	28.29506	10 34	11.63	+05 06	09.1
1986 PA1		1986 09	07.07276	20 16	58.29	-19 20	30.3	1987 DZ4	1987 02	27.09188	07 41	59.37	+20 47	27.8
1986 PL4	*	1986 08	06.26741	23 00	23.43	-03 52	00.3	1987 EN	1987 05	02.07126	10 26	40.85	+19 47	36.5
1986 QBI		1987 11	23.29448	04 40	38.94	+23 05	11.1	1987 EA1	1987 04	26.19214	11 32	28.47	+09 16	56.4
1986 QLI		1987 12	22.37722	08 50	42.97	+26 51	22.4	1987 EA1	1987 05	02.09567	11 31	03.76	+09 18	05.2
1986 QLI		1988 02	19.21559	08 25	42.86	+28 40	12.3	1987 FX1	1987 03	30.34348	14 10	25.28	-18 32	24.0
1986 QLI		1988 02	22.11187	07 59	44.84	+28 31	34.2	1987 GA	1987 04	26.15211	11 11	08.32	+18 25	29.4
1986 RA		1986 10	06.10556	23 21	18.18	-16 45	26.5	1987 GG	1987 05	30.21710	15 12	21.49	+39 11	42.5
1986 RA		1986 10	29.11164	00 24	38.11	-23 42	37.8	1987 GG	1987 06	21.15619	15 11	06.18	+33 16	45.6
1986 RA		1986 12	05.08820	01 28	54.78	-18 48	25.1	1987 GD1	1987 04	02.20847	10 17	53.39	+16 15	07.3
1986 RB		1986 10	03.10352	21 55	52.80	+06 39	14.5	1987 JH	1987 05	02.24112	15 03	32.64	-18 42	49.3
1986 RB		1986 10	07.06181	21 52	55.54	+07 27	00.8	1987 KF	1987 06	24.12631	14 39	48.82	+00 30	09.2
1986 RB		1986 10	30.99808	21 51	44.42	+11 31	52.7	1987 MO	1987 11	19.98478	21 36	36.65	+13 30	47.5
1986 RB		1986 11	28.96140	22 20	26.10	+16 03	59.0	1987 OA	1987 08	21.09268	16 16	46.65	+17 43	45.5
1986 RB		1986 12	27.94889	20 09	50.65	+21 09	55.5	1987 OC	1987 11	19.96230	21 03	05.87	+11 08	49.8
1986 RB		1987 01	29.00614	00 19	40.43	+27 20	37.5	1987 OD	1987 08	21.21399	20 40	17.81	+02 33	41.2
1986 RB		1987 02	02.03635	00 29	19.97	+28 07	04.3	1987 OV1	1987 07	29.30547	21 48	03.04	-07 56	07.2
1986 RB		1988 02	15.34297	10 58	05.17	+03 41	45.0	1987 PA	1987 08	21.23736	21 56	23.98	+11 05	10.2
1986 RB		1988 03	16.20036	10 22	16.63	+03 35	16.7	1987 PA	1987 08	24.28026	21 53	16.03	+12 17	20.4
1986 RH		1986 10	03.17918	22 41	57.94	-02 44	55.8	1987 QB	1987 09	25.15370	23 43	41.47	-08 40	31.5
1986 RH		1986 10	06.08511	22 40	45.14	-02 53	59.2	1987 QB	1987 09	26.22756	23 43	38.30	-08 38	55.5
1986 R2	*	1986 09	01.13291	21 52	56.89	-01 34	37.2	1987 QG9	1987 08	22.19266	21 25	09.84	-10 28	20.1
1986 R2	*	1986 09	01.17191	22 11	12.47	-07 57	10.1	1987 SL	1987 10	19.13685	23 58	02.05	-06 25	43.6
1986 R2	*	1986 09	01.32442	00 23	06.87	-07 57	03.9	1987 SL	1987 10	19.20674	00 28	41.70	+32 23	47.4
1986 R2	*	1986 09	01.34684	00 37	11.55	+03 34	23.6	1987 SL	1987 11	20.09472	00 16	44.34	+31 05	56.4
1986 RC2		1986 10	03.09251	22 04	19.27	+00 11	18.1	1987 SY	1987 10	19.08374	23 06	35.92	+07 50	30.0
1986 RC2		1986 10	07.15899	22 05	01.00	-01 45	30.2	1987 SY	1987 11	17.01584	23 50	31.63	+04 15	08.5
1986 RC2		1986 10	30.07756	22 19	59.22	-10 40	15.4	1987 SS1	1987 11	25.03181	23 54	46.59	+03 25	04.3
1986 RC2		1986 12	27.98229	23 52	56.43	-13 24	58.6	1987 SS1	1987 12	18.97422	00 15	16.78	+02 24	31.9
1986 RC2		1988 03	17.34046	13 27	18.09	-03 09	50.6	1987 SH2	1989 03	11.04779	08 15	01.14	+37 54	48.3
1986 RC2		1988 04	14.21696	13 03	33.74	+07 28	14.1	1987 SH2	1987 09	26.30405	01 26	10.69	-01 01	17.4
1986 TM		1986 10	31.10290	23 40	04.63	+01 31	33.6	1987 WH	1987 12	19.09863	01 00	13.35	+29 15	47.0
1986 TM		1986 11	28.97554	23 26	43.45	+07 35	33.9	1987 WA1	1987 12	19.07414	02 02	03.66	+16 12	17.1
1986 TM		1986 12	27.96247	23 42	31.87	+14 11	07.7	1988 BF	1988 01	23.26972	08 25	14.46	+28 25	22.7
1986 TM		1987 01	29.01999	00 23	19.91	+22 12	21.6	1988 BN	1988 04	14.02782	08 50	30.54	-03 05	59.7
1986 TM		1987 02	02.05194	00 29	49.43	+23 15	41.0	1988 BX1	1988 03	17.12842	07 06	30.04	+44 27	50.7
1986 TM		1988 02	15.39265	12 59	26.37	+07 15	58.2	1988 BX1	1988 04	13.08119	07 15	07.99	+43 28	32.6

1988 BY1	1988 03	17.15385	07 28	48.42	+45 05	23.2	1989 DA	1989 03	03.06040	09 37	57.89	+31 48	52.3
1988 BY1	1988 04	13.05297	07 36	39.51	+43 09	13.2	1989 DA	1989 03	04.06018	09 50	49.02	+27 57	58.4
1988 DG1 *	1988 02	19.21559	07 59	37.58	+28 23	02.6	1989 DA	1989 03	07.16373	10 20	38.23	+17 36	37.5
1988 DE2	1988 02	19.19590	07 40	47.73	+24 42	06.9	1989 DA	1989 03	09.08568	10 34	04.36	+12 24	50.9
1988 EG	1988 03	18.15136	11 02	20.02	+03 10	26.1	1989 DA	1989 03	09.13666	10 34	21.81	+12 17	20.7
1988 EG	1988 03	18.32094	11 02	06.65	+03 15	58.5	1989 DA	1989 03	11.17019	10 45	33.26	+07 45	51.2
1988 EG	1988 03	19.12868	11 01	19.08	+03 41	02.5	1989 DA	1988 09	14.19858	22 33	16.34	+00 37	53.4
1988 EG	1988 03	20.07334	11 00	27.52	+04 07	57.7	2527 P-L	1988 10	12.12871	22 22	57.49	-04 20	06.5
1988 EG	1988 03	20.20554	11 00	18.54	+04 11	32.4	2527 P-L	1979 06	27.23025	18 45	17.73	-21 34	47.7
1988 GB	1988 04	18.12012	12 50	53.65	-09 26	28.1	2533 P-L	1979 06	28.19289	18 44	25.00	-21 37	09.7
1988 HM *	1988 04	18.22538	13 14	24.87	+04 23	01.6	2630 P-L	1983 12	08.23956	05 26	22.44	+27 33	16.8
1988 JBI	1988 07	11.14682	17 01	36.97	+08 29	42.8	3524 P-L	1987 01	28.39771	10 31	47.51	+18 11	49.0
1988 JBI	1988 08	09.10138	17 11	07.22	-00 24	20.2	3524 P-L	1987 02	24.21979	10 04	01.56	+18 33	54.0
1988 JG2 *	1988 05	13.18666	13 45	34.46	+06 08	08.4	6047 P-L	1987 04	30.29441	15 52	31.49	-15 32	29.0
1988 NF	1988 08	09.18690	23 28	58.49	+49 45	38.0	6047 P-L	1987 06	29.15061	15 09	39.33	-11 41	40.2
1988 NF	1988 09	15.37086	23 53	10.38	+59 55	22.0	6092 P-L	1985 08	13.23993	21 44	13.20	+00 54	33.9
1988 NF	1988 09	15.38175	23 53	10.47	+59 55	22.6	6092 P-L	1985 09	17.04874	21 20	42.46	-03 43	24.4
1988 NF	1988 10	06.40941	23 59	16.80	+57 13	55.6	6547 P-L	1983 12	04.20704	04 06	15.47	+23 39	02.7
1988 NF	1988 10	12.36724	00 02	15.18	+55 12	23.7	6627 P-L	1984 02	09.30472	09 49	52.27	+10 42	09.5
1988 NF	1988 11	05.00341	00 24	07.20	+42 58	54.0	6627 P-L	1984 04	02.11115	09 21	06.77	+14 01	25.5
1988 NF	1988 11	10.24868	00 30	51.74	+39 49	27.4							
1988 PA	1988 08	16.26060	20 37	19.56	-04 50	43.2							
1988 PA	1988 08	16.28420	20 37	21.17	-04 51	21.6							
1988 PA	1988 09	09.14761	21 13	04.65	-13 58	45.6							
1988 RA	1988 12	05.02931	23 15	42.30	+30 52	19.8							
1988 RA	1988 12	06.00803	23 16	04.72	+31 02	53.8							
1988 RA	1989 01	05.98440	23 53	05.50	+37 35	27.8							
1988 RA	1989 02	01.99130	01 02	47.38	+44 17	09.9							
1988 RA	1989 03	04.01663	03 02	09.91	+49 38	11.5							
1988 RA	1989 03	11.02027	03 34	59.01	+50 01	34.4							
1988 RE	1988 10	06.19720	01 32	31.85	+16 47	06.4							
1988 RE	1988 11	12.14567	01 08	22.47	-10 26	32.8							
1988 ROI	1988 10	06.17148	00 36	07.81	-03 14	35.4							
1988 SM	1988 10	07.09096	22 21	01.16	-05 03	21.2							
1988 TA	1988 10	10.32720	01 27	10.10	+07 35	31.7							
1988 TA	1988 10	13.18552	01 24	35.41	+06 20	38.3							
1988 TA	1988 10	14.18826	01 23	53.11	+06 01	17.3							
1988 TA	1988 10	14.23067	01 23	50.46	+06 00	31.5							
1988 VN4	1988 12	06.08557	01 42	48.06	-01 35	17.9							
1988 VN4	1988 12	09.96725	01 47	04.95	-03 34	42.9							
1988 VP4	1988 12	05.00968	23 27	24.77	+18 01	58.0							
1988 VP4	1988 12	06.03109	23 27	22.87	+17 44	37.6							
1988 VP4	1989 01	05.96162	23 51	55.07	+10 37	19.1							
1988 WC	1989 01	06.05404	03 11	38.72	+00 14	12.3							
1988 WC	1989 02	01.97100	03 40	50.51	-04 43	00.7							
1988 WC	1989 03	04.04062	04 42	41.14	-05 45	06.3							
1988 WC	1989 03	10.01282	04 57	48.07	-05 40	52.8							
1988 XB	1988 12	08.28018	07 31	07.75	+24 49	51.4							
1988 XB	1988 12	09.32991	07 23	37.79	+25 21	58.8							
1988 XB	1988 12	13.32762	06 58	52.92	+26 53	38.7							
1988 XB	1989 01	04.21546	05 51	28.48	+28 52	13.4							
1988 XXI *	1988 12	07.37096	06 27	53.59	+44 27	48.3							
1988 XXI	1988 12	10.33617	06 24	20.31	+44 46	55.4							
1988 XXI	1988 12	13.28792	06 20	34.74	+45 03	37.0							
1988 XXI	1989 01	06.29632	05 48	30.32	+45 39	09.9							
1988 XXI	1989 02	02.08327	05 30	53.02	+43 38	21.4							
1989 AC	1989 01	06.09305	03 50	57.97	+18 35	21.1							
1989 AC	1989 01	06.24111	03 52	33.26	+18 41	06.2							
1989 AC	1989 01	10.96984	04 37	08.29	+20 59	14.9							
1989 AC	1989 02	02.14934	06 18	42.37	+23 14	23.1							
1989 AC	1989 02	08.10082	06 33	29.64	+23 11	37.1							
1989 AC	1989 03	03.10815	07 18	06.96	+22 24	58.0							
1989 AC	1989 03	10.03476	07 29	52.69	+22 03	17.8							